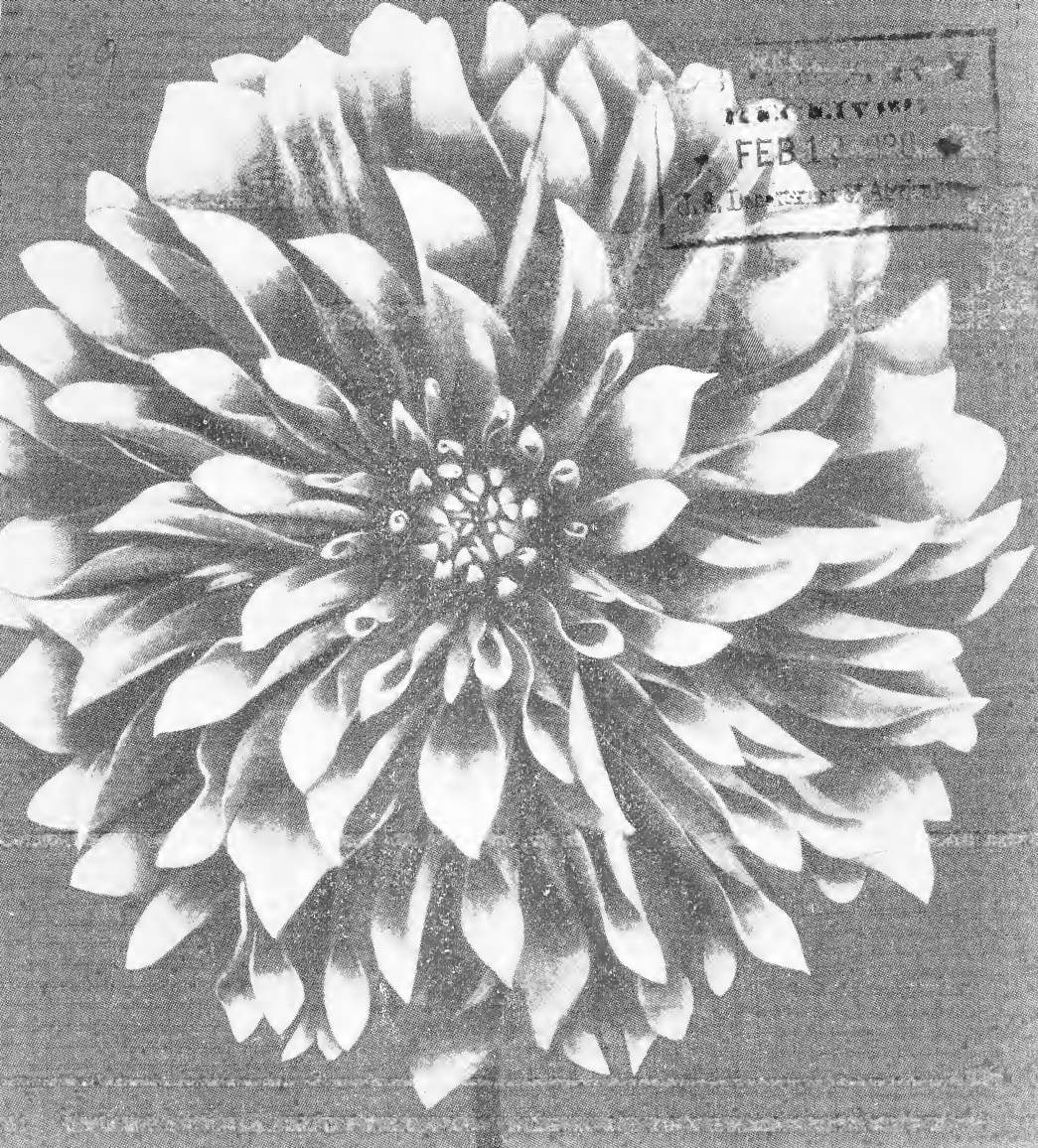


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





*SILVERTIPT—A NEW DAHLIA*  
(See Page Two)

**CHARLES G. DAVIS**

**CHAGEDA GARDENS**

**San Leandro, Calif.**

**GLADIOLUS, DAHLIAS, ROSES**

*And a General Line of the Best in Flower Seeds, Plants and Bulbs*

**1930**

# *For Your Information--*

We are sending this booklet to you as our salesman, and with the hope that in it you will find new friends for your garden, and old friends to replace those you may have lost.

Our Bulbs and Seeds are grown under ideal soil and climatic conditions. Most of the varieties listed in this catalog are grown here at Chageda Gardens, where they are given frequent rigid inspection during the growing sason to preserve the best types, colors and habits of growth.

In some of the subjects listed in this catalog we believe are the largest growers in the United States, if not in the World.

We number among our customers and friends more than a thousand Florists, Seedsmen and Dealers in Flower Seeds and Bulbs in all parts of this country and many Foreign Countries.

They are expert buyers. They want the best. When you think of it, the seeds or bulbs you buy are the smallest part of the cost in producing beautiful blooms. Labor costs most. For this reason it pays the florist to get the best seed or bulbs money can obtain.

Amateur growers would do well to follow the lead of our Florist Customers, and buy directly from the source of supply.

Our bulbs are strong and healthy; our plants are sturdy, vigorous and well rooted. Our seeds are the heaviest we can grow or obtain and our seed packets are well filled.

Most growers give a long list of the prizes they have won during the year, so we will have to give you our list.

WE WON NO PRIZES DURING THIS SEASON! Our exhibits are always excellent, or so the judges tell us; our specimen blooms are often among the best in the show, but we never exhibit in competition.

Our reason for this is simple. Most of the other growers in the show are our customers. Many of them are smaller in capacity, or quantity grown in one variety. Among the amateur growers we always have a number of customers, and sometimes the writer is a Judge of the show.

But what we DO TAKE PRIDE IN is the fact that during 1930 our customers exhibiting stock secured from us, have won more than 164 FIRST PRIZES, Medals and other Awards. We ask our customers to notify us each season of prizes they have won with our stock of bulbs or seed.

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## **CHARLES G. DAVIS**

**CHAGEDA GARDENS**

**SAN LEANDRO, CALIF.**

**Office: 778-798 Joaquin Ave.---Phone: TRinidad 0543**

62.09

1980

## CHAGEDA DAHLIA SEED



Great strides have been made in the production of Dahlia Seed in the past five years. At that time we calculated that not more than one plant out of 1500 seedlings would be sufficiently good to warrant its being grown a second year.

During the past two years we have had many customers who grew as many as 22 good ones from 100 of our XXX grade seed. Read the many testimonials on page eight. **GOOD SEED IS STILL HARD TO GET. WE HAVE IT.** The last crop is the best we have ever harvested.

ORDER NOW TO INSURE A SUPPLY  
CHARLES G. DAVIS, CHAGEDA GARDENS  
SAN LEANDRO, CALIFORNIA

# THE SPORT OF RAISING DAHLIAS FROM SEED

How large is your garden? Is it a two acre plot surrounded by a brick wall covered with baby roses, and with pergolas, bird baths and water pools to dress it up? Is it a plot of ground twenty feet square in the rear of your home? Is it a strip of soil along the side of the house, or, possibly, is it a vacant lot next your own?

There are hundreds of home gardeners with ground of any of the sizes mentioned above who are growing Dahlias from seed and getting from this "King of Garden Sports" the greatest thrill of their lives.

You cannot create a new flower—only Nature, or The Greatest Gardener Of Them All can do this—but you can, by care and perseverance, originate a new variety which will have such merit that it will gain a place with the leaders in the flower world, bringing you fame and some degree of fortune with its popularity.

As your seedling Dahlias grow and come into bud, it gets mighty exciting to rush out into the garden each morning to see which ones have opened, and whether they are just a disappointment, or a visitor of a new color or wonderful form—something new and novel.

For you should remember that Dahlias never come "true" from seed. Which means that seeds from the same flower will each develop into plants which will bear absolutely different blooms than the parent plant.

The resemblance may be close, and in fact, the seedlings usually inherit certain traits of the parents, but they are never exactly the same.

After you have watched these seedling buds open for a few weeks, you will soon become expert enough to say "this is going to be a yellow", or "this button is a big double." Then too, you will be looking at the foliage, the growth, thickness and length of the stem, the acidity of the juice, floriferousness and whether it is destined to be a "garden type" or "exhibition variety."

The greatest thrill in a golf game is making a "hole in one," but after you've made it all you can do is talk about it—you cannot take the hole with you.

It is just as great a thrill to find in your seedling patch a new Dahlia—a-hole-in-one-Dahlia—something so strikingly new that your friends rave over it. And when you find it, you keep it. Unlike the golf game triumph success in Dahlia Seedlings stays with you. If your seedling has merit it increases in beauty and form as the seasons pass, yielding you constant joy and a feeling of accomplishment.

Each of you has longed to write a book; to place on one of the front pages a dedication to some dear friend or loved one. To most of us this is impossible, but the same result may be obtained by naming a new Dahlia after this person.

What greater tribute can you pay than that of saying to your friend "I have named this new Dahlia after you."

GET MORE OUT OF YOUR GARDEN THAN DIGGING IN THE DIRT.

# SUGGESTIONS FOR GROWING DAHLIAS FROM SEED

Start with the best seed money will buy. If you can get better seed than we grow, from some other source, we would urge you to use it, whatever the price may be.

Dahlias will usually bloom from seed about two to three weeks later than tubers planted at the same time. Invariably they make large clumps of tubers in the Fall, and while growing require no more care than tubers or plants. In fact, they are easily grown from seed.

Obtain some good garden soil or leafmold and pulverize it until quite fine. If too heavy add sand. Fill a box with about 3 inches of soil and press down level with a flat board. With the edge of the board press rows about  $\frac{1}{2}$  inch deep. Sow the seed in these rows. Sift sand over the seed until the surface is level again and press again with the flat board. Water carefully and keep box in warm, moist place.

Dahlia seed will show the first plants in about 4 or 5 days, but some of the seed may NOT COME UP FOR AS LONG AS TWO MONTHS. For that reason do not throw away the box. Keep it watered until you are SURE that the seed are all up.

As soon as the plants have the first pair of rough leaves, prick them out with the point of a penknife, and transplant into 3 inch pots, or into another box, if you have no pots. Grow them thus until it is warm enough to put into the ground. Never put Dahlias into the ground until the soil is warm. Don't plant by the calendar, plant by the season.

Set the plants in rows not more than one foot apart in row. Cultivate the same as other Dahlias except do not pinch out the center bud. When the center, or crown bud opens, you can determine whether you want to keep it or not. If it shows promise, keep it. If not, dig it out at once to make room for the plants around it.

A new Dahlia MUST HAVE certain values to make it of commercial importance. It must have a perfect form, good substance in the petals, a new shade, or combination of shades, good stem and foliage and must appeal to the visitors in your garden. Don't expect to get a hundred good ones from a hundred seed, it can't be done.

## HOW WE RAISE DAHLIA SEED FOR YOU

Raising good Dahlia Seed is dependent on a long growing season, plenty of sun, a fat pocketbook and many years of experience.

In the San Leandro district we harvest Dahlia Seed nine months of the year, with sun practically every day. We have been growing Dahlias FOR seed for six years and while our pocketbook is not as fat as we would like, still we can and do purchase the latest varieties as they come on the market.

We maintain six entirely separate plots for growing. Five in San Leandro and one in Castro Valley. Each type of Dahlia is grown separately to prevent mixture. Pompons and English Singles are grown in distant plots from the larger ones. We sell no cut flowers, the best of our blooms going for seed which is allowed to ripen on the plant and is picked when fully developed and carefully dried. It is thrashed by hand and then run through the separating machine which throws out the hulls and divides the seed into three weights. Only the heaviest is used for sale. It is then hand picked, and in the case of the expensive seed, is hand picked and tested for "splits" again.

THERE MAY BE SEED AS GOOD, BUT NONE BETTER

## XXX GRADE DAHLIA SEED MIXTURE

Our XXX (threeX) grade of seed is, in our opinion, the best value you can obtain for your money, either from us, or other growers. It is a formula mixture, each packet containing seeds from 15 parents which we have tested for years and are known to throw a large percentage of double flowers. The seed parents used are strong growing plants with insect resisting foliage of the newer type. The pollen parents used this year were varieties of special merit such as Jane Cowl, Kemp's Violet Wonder, Kathleen Norris, Marmion, Francesca, etc. Our reputation for good Dahlia Seed has been built up largely on this grade of seed. You should appreciate the fact that we have tested thousands of seedlings and from these years of experience can tell which would be most liable to throw new flowers of merit, but the information gained in these tests cannot be distributed. We have hundreds of letters asking "which are the best seed parents," and while we would like to answer that question it cannot be done without putting into competition with us every grower of the Dahlia. Our best seed parents are used in our XXX Mixture, and certain of them can be bought under our "Private Mark Seed" on the next page. We ship Dahlia Seed to all parts of the World and our XXX Mixture is our best seller. PRICE—Packet of 100 seed \$5.00; Half packet (50 seed) \$3.00.

## XX GRADE DAHLIA SEED MIXTURE

Made up of the best of the standard varieties, such as Jersey's Beauty, Mariposa, Amun Ra, Mrs. I. de Ver Warner, etc. The proportion we use is about 70% decorative and 30% hybrid cactus. Will give you plenty of splendid flowers of a wide range of colors. XX DAHLIA SEED—per 100—..... \$2.00

## X GRADE DAHLIA SEED MIXTURE

Our one X grade is saved from named varieties only, and gives very good results. It is intended for use where the gardener wants to plant in quantity for flowers only, and for this reason we call it our "Florists Mixture." The repeat orders we receive on it convinces us that it gives satisfaction where cut flowers are wanted. X GRADE DAHLIA SEED—per 100—\$1.00; per 1000—\$9.00.

## POMPON DAHLIA SEED MIXTURE

Seed harvested from the smaller, and most popular new varieties. We grow nearly all the best ones, featuring many of the new varieties in our gardens. A packet of this seed will give you a splendid bed of pompons. We grow them entirely separate from the larger Dahlias, and use every possible means to induce cross pollenization between the smaller types. Packet of 50 seeds ..... \$1.00

## HYBRID SHOW DAHLIA SEED MIXTURE

The increasing popularity of this type of Dahlia has caused us to grow it separately, although it often reverts to the old ball type, and many come a decorative. It furnishes an interesting experiment. Packet of 50 seeds ..... \$1.00

## ENGLISH BEDDING SINGLE DAHLIA SEED MIXTURE

In the past two years this variety has become one of the leading bedding plants, and is being used in quantity by large parks and nurseries. We have sold seed of this variety to some of the largest private estates. Plants bloom in 12 weeks from planting and are literally covered with bloom until frost. The bush is dwarf, not exceeding two feet in height and requires little care. They can be planted in beds 12 inches apart or in attractive hedges along a drive. The flowers are similar to the single Dahlia except the bloom is smaller and is carried on long rigid stems which make an excellent cut flowers with a wide range of color from white to darkest maroon. These reproduce themselves as to form but colors vary. One packet will sow 25 feet of row. 50c per packet; \$4.00 per ounce; \$40.00 per pound.



## DAHLIA SEED OF KNOWN PARENTAGE

All our seed is saved under the name of the variety, whether we sell it in mixture or not. For those specialists who want to plant seed and keep the record of parentage we offer the following varieties of seed bearing parents. Pollen parents of these have been Jane Cowl, Elite Glory, Marmion, Jersey's Beauty, Francesca, Color Sergeant and others of a newer type, which usually transmit a heritage of strength, form and color.

### PRICE ON SEED OF THE FOLLOWING VARIETIES: 15 SEEDS OF VARIETY—50c

Al Koran	Halvella	Mrs. John T. Scheepers
Amun Ra	Jean Chazot	Nichu
Black Pearl	Jersey's Beauty	Nobilis
Bob Pleuse	Jersey's Jewel	Oriole
Champagne	Jersey's King	Our Country
Daddy Butler	Jersey's Sovereign	Paul Michael
Ellinor Vanderveer	Jessie K. Prescott	Pierrot
Emma Marie	Judge Marean	Pride of California
Elsie Oliver	Kittie Dunlap	Regent
Faith Garabaldi	La Favorita	Roman Eagle
Francis Lobdell	Margaret Masson	Rosa Nell
F. W. Fellows	Mariposa	Sanhican's Gem
George Walters	Mr. Crowley	Screamer
Gladys Sherwood	Mrs. Carl Salbach	Seal of Conn.
Golden Opportunity	Mrs. Edna Spencer	U. S. A.
Gorgeous	Mrs. Ethel F. T. Smith	Tommy Atkins
Grizzly	Mrs. I. de Ver Warner	Tryphinnie

### PRICE ON SEED OF THE FOLLOWING VARIETIES: 15 SEEDS OF ONE VARIETY—\$1.00

Adda Patterson	F. T. D.	Paul Revere
Alice Whittier	Flaming Meteor	Pop Stewart
Altamont	Fort Washington	Primula Rex
Ambassador	Francesca	Queen Garden
Amarillo Grande	Gorgeous Elizabeth	Robert Treat
Aztec Glory	Islam Patrol	Regal
Ballet Girl	Jane Cowl	Rollo Boy
Barbara Redfern	Jersey's Ideal	Rookwood
Betty Bird	Jersey's Mammoth	Rose Fallon
Bearclaws	Jersey's Radiant	Sagamore
Betty Ivins	Jersey's Masterpiece	Salbach's White
Black Jack	Jove	Sahnican's Bluebird
City of Trenton	King Solomon	Sahnican's Magnate
Color Sergeant	King Tut	Sanhican's Peach
Conquistador	La Mexicana	Senorita
Coquette	Kathleen Norris	Shudow's Lav.
Earl Williams	Lady Lyndora	Silverado
Eagle Rock Beauty	La Roda	Siskiyou
Eagle Rock Sunshine	Margaret W. Wilson	Sole Mio
Eagle Rock Jewel	Marian Broomall	Trentonian
Edna Ferber	Marmion	Valeska
El Dorado	Meadowlark	Watchung Sunrise
El Granada	Mother Machree	Wizard of Oz
Elkridge	Mrs. Eleanor Martin	World's Best White
Elite Glory	My Maryland	Yellow Beauty
	Papillon	

BE SURE TO ORDER A SECOND AND THIRD CHOICE if you place your order after January First, as quantities are limited in many of the varieties and many order a year in advance of harvest.

All seed of special crosses is sold for the year. We try to tell you the truth about Dahlia Seed. When you order Dahlia Seed "with both parents known," remember that the Dahlia is a composite flower, and the hybridizer cannot possibly make a perfect cross. Several years ago we watched a very careful University test which proved conclusively that it was impossible to make a cross which would make a uniform result in the resulting seeds. The best anyone can do is to carefully make the cross and it is safe to assume that among the resulting seeds there will be on or more which will certainly show the intended cross. Expect NOTHING from Dahlia Seed, and be surprised with the results. We again urge you to consider the planting of our XXX Grade Mixture, which we consider our best.

# OTHER SEEDS FOR PLANT BREEDERS AND EXPERIMENTERS

## Gladiolus

We carry a nice stock of Gladiolus seed which is harvested both in our trial gardens and at the ranch, where our bulbs are grown. We sell no cut flowers, and for that reason our seeds are the result of the best blooms, and are not harvested from the culls.

In ordering any of the following varieties after January First, be sure to name second and third choice, as it sells rapidly at that time. Our suggestion to the beginner is to use the XX Grade Mixture, which is made up of 8 of the best parents.

## Price Per Packet of 50 Seed of the Following Parents— 50c Each

Alice Tiplady  
Anna Eberius  
Dr. F. E. Bennett  
E. J. Shaylor  
Geraldine Farrar  
Genesee  
Gold Eagle  
Golden Frills  
Golden Measure

Helen Wills  
Herada  
Halley  
King Tut  
Maidensblush  
Ming Toy  
Marmora  
Mrs. F. C. Hornsberger  
Mrs. Leon Douglas

Mrs. Van Konynenburg  
Nancy Hanks  
Pearl of Calif.  
Quinton  
Rose Glory  
Scarlet Bedder  
Scarlet Princeps  
Souvenir

X GRADE GLADIOLUS SEED MIXTURE—A balanced blend of good varieties which has given good results in the past. Packet of 200 seeds ..... 50c  
XX GRADE GLADIOLUS SEED MIXTURE—A formula mixture of the best seed parents. Packet of 200 seeds ..... \$1.00

## HOW TO GROW GLADIOLUS FROM SEED

Fill a box with about four or five inches of mixture of fine peat moss and heavy garden soil, in about equal proportions. Press the soil down with a flat board, marking out rows with the edge of the board.

Sow the seed quite thickly in these rows, and cover lightly with clear sand, or half soil. Press down firmly and water enough to keep the soil fairly moist. Grow the seedlings in this box for several months, or until early Summer. Then stop watering and put the box into dark place where it will be cool. After about a month bring the box out into the sun again and start watering.

In this manner you will get two years growth without having to disturb the tiny bulbs, and after the end of the second growing season the bulbs should be separated from the soil and stored for planting the next year, when they should bloom.



AGAPANTHUS Umbellatus (Blue Lily of the Nile.) A conservatory plant in cold latitudes and a lawn plant in mild climates. Heavy green strap leaves like the Amaryllis with a long bloom spike carrying 30 to 40 brilliant blue trumpet shaped flowers lasting a month or more. About 2 years to bloom. Packet 25c; 1000 seeds 75c.

ALSTROEMERIA (Peruvian Lily.) A tender perennial bearing clusters of yellow to orange cup shaped blooms on long stems. Fine for cutting. 2 to 3 years to bloom. Packet, 25c.

AMARYLLIS (Best Hybrid Seed.) Well known pot plant producing blooms with striking markings white to deep red. 2 to 3 years in bloom. 15 seeds \$1.00; 100 seeds \$4.00.

AQUILEGIA (Columbine.) The best strain Mrs. Scott Elliott's Improved Varieties will give a wide range of colors, and possibly some new combinations. Packet 25c; 1000 seeds 45c.

ASPARAGUS Plumosus (Asparagus Fern.) 100 seeds 45c; 1000 seeds \$3.50.

ASPARAGUS Sprengerii. 100 seeds 25c; 1000 seeds \$2.00.

(SEEDS FOR PLANT BREEDERS AND EXPERIMENTERS—Continued)

CINERARIA. A greenhouse plant suitable for outdoor planting in mild climates. Semi-dwarf Hybrids Packet 50c; Tall Hybrids, packet 25c.

CYCLAMEN. *Persicum Giganteum*; English type mixed. Packet 50 seeds \$1.00

CYCLAMEN. *Persicum Giganteum*; German type mixed. Packet 50 seeds 75c.

DELPHINIUM. Blooms the first year from seed. We offer here only the choicest varieties. For standard sorts see our regular catalog.

Vanderbilt Hybrids 50c per packet; \$1.00 per 1000 seeds.

Vanderbilt Hybrids, saved from double flowers only, and guaranteed to give 80% double or semi-double blooms—per packet—\$1.00.

Wrexham Hollyhock Type Delphinium. Packet 50c; 1000 seeds \$1.00.

ESCHSCOLTZIA (California Poppy). A hardy annual which comes in a wide range of colors. Hybrids—Packet 10c;  $\frac{1}{4}$  oz. 50c.

FREESIA. *Refracta Alba*, sweet scented white; packet 25c.

FREESIA. Rainbow Hybrids, wide range of colors; packet 50c.

FUCHSIA. Double and single mixed; packet 50 seeds \$1.00.

GAILLARDIA. Portola Hybrids, brilliant colors; packet 25c.

GAILLARDIA. Dazzler, new; packet 25c.

GAILLARDIA. Trailing, new, 5 feet; packet 25c.

GERANIUM. Lady Washington, mixed; 15 seeds \$1.00.

GERBERA (Transvaal Daisy.) Half-hardy perennial used for pot plants and for cutting. Wonderful color range. 50 seeds 50c.

GYPHOPHILIA *Paniculata* Fl. Pl. (Perennial Baby's Breath.) A fair percentage will come double. Packet 50c.

HOLLYHOCKS. Hardy perennials. Chater's double Rose, Red, Carmine, Maroon, White, Pink or mixed. Packet 10c; 1000 seeds \$1.50.

IRIS Kaempferi (Japanese Iris.) Good colors. Packet 25c.

IRIS Large Flowering Hybrids; very choice. Packet 25c.

IRIS Siberica. Choice mixed. Packet 25c.

LILIUM Regale (The Regal Lily.) Easily raised from seed. Packet 25c.

LILIUM Auratum (Gold Banded Lily of Japan.) Easily grown. Packet 25c.

LILIUM Tenuifolium (Siberian Lily.) Coral red. Packet 50c.

LUNARIA Biennis (Honest or Peter's Pence.) White. Packet 15c.

NICOTIANA (Flowering Tobacco) Sanderae Hybrids. Packet 10c.

PANSY. Swiss Giants. New, with rare color combinations. Packet 50c.

PENTSTEMON. Sensation. New Hybrids. Packet 25c.

PEONY. Double Chinese. Fine color range. Packet 25c.

PETUNIA. A hardy annual which is grown as a perennial in mild climates, and very useful as a pot plant and for window boxes.

Burbank's Blue—Perpetual Blooming—packet 25c.

Giants of California—Single blooms of great size—packet 35c.

Ruffled Monsters—Single, large flowers—Packet 50c.

Double Mixed—Fair percentage of doubles—packet \$1.00.

POPPY. Oriental Hybrids. Choice colors. Packet 15c.

RANUNCULUS. Giant French Hybrids. Good color range. Packet 25c.

SCHIZANTHUS. Wisetonensis Strain. Very fine. Packet 25c.

VIOLA Cornuta (Tufted Pansies.) Blue, yellow, white or mixed; packet 15c.

# OUR 1929 RECORD ON DAHLIA SEEDS

These are a few of the 126 unsolicited testimonials which have come to us during the past few months from all parts of the country, and serve to give an idea of the results obtained with our seed. All are on file in our office. All are addressed to "Charles G. Davis, Chageda Gardens, San Leandro."

September 25, 1929

*Thought perhaps you would be interested in the clipping enclosed, which reports the Dahlia Show held in Quincy*

*I have had some good seedlings from the seed I got from you and you will note that I got First and Second on Seedlings.*

*Told quite a few folks that I got the seed from you but do not know how many of them will be interested enough to pay the price to get good seed.*

J. M. Dunlap, Quincy, Ill.

September 30, 1929

*I bought about \$8.00 worth of Dahlia Seed from you this Spring and have had a lot of beautiful blooms from your seeds.*

*I can very heartily recommend your seeds, as very few bloomed single. I want to order a lot of new ones so wish your catalog as soon as convenient to you.*

Mrs. M. H. Armstrong, Chattanooga, Tenn.

October 3, 1929

*The seeds received from you early this year produced remarkably fine plants and a number of extra large blooms of the brightest colors.*

Robert T. Mason, Brooklyn, N. Y.

October 22, 1929

*We grew around 45 plants from the package of Dahlia Seed purchased from you last Spring and there are 16 which we will place again. We have been growing Dahlias for years and have the best of the new varieties, Jane Cowl, My Maryland, Krmp's Violet Wonder, Marmion, Jersey's Beauty and Beacon and all the other good ones. Have had a number of Nurserymen and Florists in the fields and they all agree that everyone of these seedlings are REAL DAHLIAS. Have a light pink which grew 10 inches without forcing on ground where Dahlias had been grown for two years without additional fertilizer. Have had bloom last for a month on bush.*

*Have a large dark red which runs 9½ and 10 inches under same conditions. Another is a bright fiery red, with heavy white markings same diameter and 6 inches deep; others are as good.*

*All have real stems and leathery leaves and stood 6 weeks drought without special attention. They stand right up and look you in the face. Have several good peony type also.*

*Have a wonderful seed crop off our own field this year but are going to sell some so we can have space for a few more from seed from you next Spring.*

*(This letter is from a large grower and dealer in Iowa. Name will be furnished on request.)*

April 24, 1929

*Germination of Pompon Seed was 90 per cent. I am very well pleased. Hard to beat that record.*

J. F. Taylor, Winnipeg, Canada

October 1, 1929

*Last Spring I purchased some Dahlia seed from you and did not get it planted until May.*

*I have had four of the most beautiful Dahlias, one is eleven inches across, and I still have a very large bud which will open if frost does not catch it. If nothing happens I will certainly order more seeds next Spring.*

Lottie Metzgar, Oakhurst, N. J.

October 17, 1929

*I have much to say regarding the Dahlia Seed I ordered from you in the Spring. I have never seen such flowers and have 60 hills, no two alike. They are perfectly beautiful.*

*They are certainly the talk of the town and any number of tourists have seen my garden in connection with our hotel and have asked for your address.*

*I am an amateur and my Dahlias measure as much as ten inches across and I have never been so thrilled over any flower as them.*

*I am asking for your new price list, as to order more seeds and some of my friends have asked that I send in their names for the price list also.*

Mrs. M. J. Ward, Mourfield, Tenn.

March 26, 1929

*Let us say a word about the Dahlia seed we purchased from you. We planted the seed on March 14th, between 9:00 and 10:00 A. M., in 50-50 clay loam and peat moss soil, under a temperature 72 degrees day and 40 degrees night.*

*On March 25th, at 6:00 P. M. we had 91 per cent total germination. Of this 84 per cent are heavy stock seedlings, averaging 1½ inches high and 7 per cent good but a little too light.*

R. MacCormack, South Jersey Floricultural Society

(EXTRACT FROM "THE PENNSYLVANIA NEWS" October 1, 1929)

*"The most pleasing evidence of appreciation for 'The Pennsylvania News' has been furnished by W. J. Edwards, passenger engineman, Eastern Division who has named the finest Dahlia Seedling he has ever developed after the Central region employe newspaper. Engineman Edwards is shown seated beside the Dahlia, which is an exceptionally beautiful shade of yellow. The trophy on the left is the silver loving cup offered as a special prize at the employees annual Dahlia Show."*

*(W. J. Edwards writes us that this Dahlia is from a packet of our XXX Dahlia Seed bought in the Spring of 1927)*

August 11, 1929

*We had Dahlia Seed from you this Spring and the flowers are coming out wonderful. I want seed from Jane Cowl this year.*

C. Suydam, Brooklyn, N. Y.

September 25, 1929

*This Spring I bought some of your Dahlia seed and had some very fine Dahlias. Will you please send me your price list for 1930 as I want to order what I need at this time to be sure you will not be sold out. I want only the best.*

Mrs. Ola V. Tennant, Fairview, W. Va.

October 28, 1929

*Last Spring I ordered quite a lot of Dahlia seed from you and have been well pleased with the results. Have some of the finest large flowers which I intend to send to the trial grounds. Every one said my seedlings were prettier than my named Dahlias and this means a good deal for I have many of the newer creations.*

*I do not have any way to water my flowers, but for all that they have been very fine and large.*

Mrs. Ives Wells, Farina, Ill.

# CHOICE DAHLIA SEEDS

We are one of the largest growers of fine Dahlia Seed in the World, and supply some of the largest dealers in America and abroad. We sell no cut flowers, the best blooms going for seed which is picked ripe from the plant. Our ideal climate here permits us to harvest seed nine months of the year. It is carefully cured, cleaned and tested. The hundreds of testimonials cannot be reproduced here.

## XXX GRADE DAHLIA SEED MIXTURE

Our XXX (threeX) grade of seed is, in our opinion, the best value you can obtain for your money, either from us, or other growers. It is a formula mixture, each packet containing seeds from 15 parents which we have tested for years and are known to throw a large percentage of double flowers. The seed parents used are strong growing plants with insect resisting foliage of the newer type. The pollen parents used this year were varieties of special merit such as Jane Cowl, Kemp's Violet Wonder, Kathleen Norris, Marmion, Francesca, etc. Our reputation for good Dahlia Seed has been built up largely on this grade of seed. You should appreciate the fact that we have tested thousands of seedlings and from these years of experience can tell which would be most liable to throw new flowers of merit, but the information gained in these tests cannot be distributed. We have hundreds of letters asking "which are the best seed parents," and while we would like to answer that question it cannot be done without putting into competition with us every grower of the Dahlia.

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Made up of the best of the standard varieties, such as Jersey's Beauty, Mariposa, Amun Ra, Mrs. I. de Ver Warner, etc. The proportion we use is about 70% decorative and 30% hybrid cactus. Will give you plenty of splendid flowers of a wide range of colors. XX DAHLIA SEED—per 100—..... \$2.00

## X GRADE DAHLIA SEED MIXTURE

Our one X grade is saved from named varieties only, and gives very good results. It is intended for use where the gardener wants to plant in quantity for flowers only, and for this reason we call it our "Florists Mixture." The repeat orders we receive on it convinces us that it gives satisfaction where cut flowers are wanted. X GRADE DAHLIA SEED—per 100—\$1.00; per 1000—\$9.00.

## POMPON DAHLIA SEED MIXTURE

Seed harvested from the smaller, and most popular new varieties. We grow nearly all the best ones, featuring many of the new varieties in our gardens. A packet of this seed will give you a splendid bed of pompons. We grow them entirely separate from the larger Dahlias, and use every possible means to induce cross pollenization between the smaller types. Packet of 50 seeds ..... \$1.00

## HYBRID SHOW DAHLIA SEED MIXTURE

The increasing popularity of this type of Dahlia has caused us to grow it separately, although it often reverts to the old ball type, and many come a decorative. It furnishes an interesting experiment. Packet of 50 seeds ..... \$1.00

## ENGLISH BEDDING SINGLE DAHLIA SEED MIXTURE

In the past two years this variety has become one of the leading bedding plants, and is being used in quantity by large parks and nurseries. We have sold seed of this variety to some of the largest private estates. Plants bloom in 12 weeks from planting and are literally covered with bloom until frost. The bush is dwarf, not exceeding two feet in height and requires little care. They can be planted in beds 12 inches apart or in attractive hedges along a drive. The flowers are similar to the single Dahlia except the bloom is smaller and is carried on long rigid stems which make an excellent cut flowers with a wide range of color from white to darkest maroon. These reproduce themselves as to form but colors vary. One packet will sow 25 feet of row. 50c per packet; \$4.00 per ounce; \$40.00 per pound.

**SPECIAL NOTE:** If you are a Plant Breeder, or are specially interested in raising Dahlias from Seed, you should send to us immediately for a copy of "Chageda Dahlia Seed," a four page circular listing over 200 varieties of Dahlia Seed.

## Our Introduction for 1930

### SILVERTIPT

This splendid new variety is well illustrated on the front cover. Like all the new varieties we have put into commerce, SILVERTIPT has great merit and fills a popular demand for a new and brilliant bi-colored variety with better habits than the older types.

SILVERTIPT is a seedling of Earle Williams and has the general form and substance of Nobilis except that it can almost be classed as either a Hybrid Cactus or a hybrid decorative.

The color is a dazzling orange with clear white tips. We have never found it to come all white or all orange, the strain being well fixed.

The foliage is dark and the stem excellent. The center is tight until very late in the season. Size is good, growing easily from eight to ten inches.

SILVERTIPT is four years old in 1929 and we feel certain that if you like the color combination, SILVERTIPT will be a mighty welcome addition to your collection. Tuber \$7.50; plant \$3.00 each.

## Our Introduction for 1929



### FRANCESCA

FRANCESCA is an enormous Hybrid Cactus which certainly exhausts the descriptive terms in Ridgway's Color Chart. We shall call it a dull, tanned rose, with a distinct violet suffusion. There are old gold markings on the petals, and a distinct bluish sheen. Under artificial light you can pick out almost every color imaginable.

Compare it with those rich tones you see in the finest Oriental rugs, and you have some idea of the color combination. The nearest standard dahlia to this color is Mrs. Eleanor Martin, but FRANCESCA has much more refinement of color and better form through the season.

It has a perfect stem of great strength, holding the flower well above the foliage, and is a prolific bloomer, with attractive foliage and good growing habits.

The petal formation is excellent, the center is tight and holds so through the entire season, and the depth of the bloom is unusual.

This variety has made good in England, France, Germany, Austria, Mexico, Canada, in addition to nearly every State in the United States during 1929. It was the hit of the Baltimore Show and many others; has been a heavy prize winner for the past two years and it has our absolute guarantee to please you. Tubers \$4.00; plants \$2.00 each.

## LIST OF NEW, RARE AND STANDARD DAHLIAS

Our prices quoted on bulbs are for good, strong stock, true to name. Instruction and suggestions for growing are sent with the shipment.

Dahlia Bulbs are ready for shipment after March First. Retail orders are sent prepaid at the prices quoted, providing the order amounts to more than \$2.00. On smaller orders add 25c to cover transportation. Certificate of the Horticultural Inspector Service is furnished with each shipment.

DAHLIA GREEN PLANTS are rooted cuttings, taken from tubers which have been started early in the greenhouse. There has been a considerable discussion over the use of Green Plants, some favoring them, and some condemning their use.

We recommend their use very highly to anyone who will take care of them after they plant them. Like any other plant, they must be cultivated, watered and sprayed if insects bother. If you will do this this you will find that Green Plants will produce more and better flowers, and just as good tubers as if grown from tuber stock. They are less liable to carry disease, the clump of tubers are much easier to divide next Spring, and they cost just half as much, usually, as tubers of the same variety.

We have shipped Green Plants into all parts of the United States. Our method of packing is unusual, ventilated crates or packages being used. All Dahlia Plants are shipped Express Collect unless the order amounts to more than \$10.00, when we prepay charges, on retail orders only. We do not favor shipping plants by Parcel Post. In doing this the package or box is usually placed immediately in a hot mail bag, and the plants suffer.

Dahlia Green Plants are ready for shipment after April First, and will bloom at about the same time as tubers which have been planted three weeks earlier.

**ADDA PATTERSON (Kemp) HC.** A good white dahlia is a rare thing, and this variety is one of the best. Tall growing bearing unusually large blooms of pure white on stiff stems. Tuber \$1.50.

**ALBERT WARD (Peony).** A very large purple flower, well filled in the center and growing on long stems with a tall bush. Tuber 50c.

**ALICE WHITTIER (Reed) HC.** Color is a delicate shade of primrose yellow. The blooms are of good substance and held well above the foliage on stiff stems. It has been a consistent prize winner whenever shown both East and West, and should be in every garden. Tuber \$2.00; plant \$1.00.

**AL KORAN (Davies) D.** A large bloom of amber yellow with wavy petals and on a strong stem of good length. Plant is a tall grower and suitable for a background. We like it. Tuber 75c.

**ALTAMONT (Kemp) D.** Rose-pink deepening to American Beauty Rose toward center of flower, which is larger than average, fully double, and with slightly curled petals. Blooms keep well when cut. Good exhibition variety. Tuber \$1.50; plant 75c.

**AMBASSADOR (Broomall) HC.** An immense yellow flower with a soft buff shading and a touch of salmon in the center. No better stem can be found on any cactus Dahlia, and its pleasing form makes it both a garden flower and an exhibition bloom of finest quality. One of our best sellers, and during last season was a prize winner for our customers. Tuber \$1.00; plant 50c.

**AMARILLO GRANDE (Broomall) D.** The broad petal makes this light yellow flower unusual: It is classified as a hybrid-decorative and is an exhibition variety which won many prizes last season. Good. Tuber \$1.50.

**AMUN RA (Seal) D.** Taking the fitting name from the "Sun God" of the Egyptians, this is a standard variety—a gold medal dahlia of burnt orange with copper shadings. It has been a prize winner since 1921, and is a strong grower, both as to plant and flower. Get a good strain of this—many strains come with open centers. Ours is a selected strain of full-centered stock. Tuber 50c; plant 50c.

**AZTEC GLORY (Broomall-Success) D.** This flower is different in formation from most, and a rare lemon yellow shade held on long stems of great strength. It will capture the ribbons for you in stiff competition. Tuber \$5.00; plant \$2.50.

**BALLET GIRL (English Cactus).** A bi-color dahlia in which the blooms come in different combinations of orange and white, with a few blooms coming pure white and pure orange, often on the same plant. Tuber 50c.

**BARBARA REDFERN (Redfern) D.** A prolific bloomer of old rose and dull gold. Flowers of great size on good stems. Tall bushes bearing the blooms on stiff stems. you want it. Tuber \$2.00.

**BARBARA WEAR (Seal) D.** A fine cut flower of blended pink and lavender on long, stiff stems. Fine flower, good bush and a heavy prize winner. Plants only \$2.00.

**BASHFUL GIANT (Marean) D.** A rich apricot bloom with golden shadings, often winner as the "largest flower in the show." Tuber \$1.00; plant 50c.

**BETTY BIRD (Seal) HS.** Of all the garden varieties, this is probably the most admired hybrid-show. The color is a clear pink with a deeper center. The form is graceful and lacks the stiffness of the old show type. Good stem and foliage. Flower keeps well when cut and has been a medal winner. Be sure to order this. Tuber \$3.50; plant \$1.75.

**BEAR CLAWS (Staats) AC.** A tall growing plant bearing numerous large carmine blooms with petals long and incurved in such a manner that the name is exceptionally fitting. Unusual. Tuber 75c.

**BETTY IVINS (Fisher & Masson) D.** Apricot shading into pink, and a bloom of splendid form. One of the most popular in our show garden last year. Good stem and foliage. Tuber \$5.00.

**BIANCA (Holland) HC.** As garden variety it is hard to equal. The blooms are lavender pink, shaded white and the bush is literally covered with blooms of medium size during the entire season. Old, but good. Tuber 50c.

**BLACK DIAMOND (Show).** A deep red show dahlia much grown for cutting. Tuber 50c.

**BLACK JACK (California Decorative).** A very large bloom of deepest velvety maroon, almost black. It is a tall grower with perfect stems and the deep red flowers in the light foliage make a striking contrast. Tuber \$1.00; plant 50c.

**BOB PLEUSE (Hybrid Cactus).** A deep crimson with petals tipped white, making a striking flower. Good as a bi-color variety. Tuber 75c.

**BONNIE BRAE (Decorative).** We promise ourselves we will discard this variety each year, but the soft pink bloom of waxy texture pleases the ladies and we get enough orders in the trial garden to keep it listed. It is a nice bloom, but hangs its head. Tuber 50c.

**BUENO (Boston) D.** A new decorative of coppery rose shading brownish, with bright yellow at the center. Very tall growing bush and flowers last well, both on the bush and when cut. Stems are wonderful. Tuber \$2.50; plant \$1.00.

**CANARY (Boston) D.** An extra early canary yellow. Free bloomer on long stems. Tall grower. Plants only \$2.00.

**CARMENCITA (Boston) D.** Clear yellow, spotted, penciled and striped with a brilliant shade of red. Tuber 50c.

**CAROLINE WINTJEN (McWhirter) D.** A bush for your garden. Salmon pink flowers with rose shading are born in abundance all through the season. One of the older favorites. Tuber 75c.

**CHAMPAGNE (Boston) D.** A splendid bloom of buff shade overcast with rose chamois, making a pleasing color combination which pleases in the garden and on the show table. Fine stem and a good flower to cut. Tuber \$1.00; plant 50c.

**CHARLES G. REED (Ballay) D.** A Roll of Honor dahlia in crimson overcast petunia red. Dwarf bush of branching habit and a prolific bloomer. Broad petals with a high center making a flower of great size. Tuber \$15.00; plant \$5.00.

**CHEMAR'S EUREKA.** We did not grow this in 1929, but from many sources it is reported as one of the best of the new Easterns. White with lavender tints. Heavy prize winner in 1929. Plants only—\$5.00.

**CHEMAR'S MASTERPIECE (Chemar) HC.** A huge incurved cactus of soft orchid pink with a perfect form. Long stems hold flower erect. Tuber \$3.00; plants \$1.50.

**CHEMAR'S PURITY (Chemar) D.** A splendid white seedling from Jersey's Beauty which it resembles in everything but color. Good center, large size and long stems. A sturdy plant with clean growth. Plants only \$1.50.

**CIGARETTE (Boston) C.** A bi-color flower in scarlet and white on cane stiff stems. It will please you. Tuber 50c.



**COL. CHARLES A. LINDBERGH (Fisher & Masson) HC.** Very early blooming rose, suffused old ivory, shading to a pale gold center. Reverse light carmine pink. Rigid stems, dark foliage and a free bloomer. Plants only \$2.50.

**COLOR SERGEANT (Lyndora Garden) D.** A new Eastern Dahlia of great merit, and considered by the dealers who examined it in our garden one of the best in recent years. Color is a deep red salmon bronze of one shade. This plant has most excellent habits. Scored 87 in Certificate of the N. J. Society. Tuber \$3.50; plant \$1.75.

**CONQUISTADOR (Ballay) HC.** Creamy yellow bloom with a soft pink glow. A glorified "Ambassador," which it resembles closely, but having better form and substance than the older variety. Honor Roll Dahlia. Plants only \$3.75.

**COQUETTE (Fisher & Masson) D.** This new decorative is a 1929 introduction of strong growing habits and the dark leathery foliage which is so much desired because of insect resisting property. The flower is a giant of red and gold, the face of the petals being velvety musketeer red at base blending and shading to a golden sunset color at points. Reverse of petals gold. It is a thick, fluffy flower composed of many curled petals and an exhibition variety of great beauty. Flower at least 12 inches above the first pair of leaves. Tuber \$6.00; plant \$3.00.

**DADDY BUTLER (Boston) HC.** Rosy carmine with reverse of petals lighter. Large free blooming and an excellent keeper. One of our favorite garden flowers, and popular in the display garden. Tuber 50c.

**DARK DAYS (Decorative).** A pleasing red—very dark, but soft. Large sized bloom carried on unusually healthy foliage. Tuber 50c.

**DON WILLIAMS (Doolittle) D.** A seedling of Earl Williams, of a beautiful new shade of lavender. The odd feature of this flower is that each petal seems to have a dot of pure white at the tip, making it very distinctive. A medium tall grower, holding the perfectly formed flower on sturdy stems. Tuber \$1.25.

**DOROTHY STONE (Fisher & Masson) D.** Huge exhibition rose pink. A 1929 Honor Roll dahlia and one of the "hits" of the New York Show. Long, straight stems; dark green foliage; free bloomer; perfect grower. What more can you ask? Tuber \$10.00; plant \$5.00.

**DR. W. A. CLARK (Boston) D.** An immense golden yellow, shading to apricot center. Larger than El Dorado and better. Tuber \$3.50; plant \$1.50.

**EARLE WILLIAMS (Doolittle) D.** A bi-color bloom of brilliant crimson and white. Splendid form and free flowering. Tuber 50c; plant 50c.

**EAGLE ROCK BEAUTY (Bromall-Success) D.** A beautiful creation of pink and cream which has been very popular for the last season. Full centered on strong stems and a prolific bloomer. Tuber \$5.00; plant \$2.50.

**EAGLE ROCK JEWEL (Bromall-Success) HC.** Cream overlaid a shell pink in a large flower of pleasing form. Good stems. Tuber \$7.50; plant \$2.50.

**EAGLE ROCK SUNSHINE (Bromall-Success) C.** Large blooms of a deep shade of yellow on strong stems, holding the flower erect. Tuber \$2.00.

**EDNA FERBER (Fisher & Masson) HC.** A big prize winner in the Eastern show of 1927 and a certificate of merit dahlia. Color coral, shading to old gold at base of petals, which are long and wavy. Strong grower of medium height. Both foliage and growing habit are excellent. One of the best sellers. Tuber \$3.00; plant \$1.50.

**EL DORADO (Boston) D.** A large golden yellow with amber tints. Rigid stem and a good keeper. Tuber \$1.00; plant 50c.

**EL GRANADA (Boston) HC.** This popular variety has become a favorite due to its vivid orange coloring with petals which twist and interlace, showing a creamy yellow reverse at the tips. Consistent prize winner, and a wonderful dahlia. Tuber \$1.50. plant \$1.00.

**ELKRIDGE (Griffiths) D.** A new white with exceptional purity of color and refinement of formation. Stems, growth, and keeping qualities good. Very popular in the East. Tuber \$2.00; plant \$1.00.

**ELITE GLORY (Kennedy) D.** This mammoth flower is regarded as a "break" in the dahlia world and causes a sensation wherever shown. It is a self color of clear, brilliant red. Foliage is as strong growing as the flower. Plant under partial shade if possible. Tuber \$2.50; plant \$1.00.

**ELLINOR VANDERVEER (Seal) D.** One of the best originations of Jessie Seal, and a prize winner in nearly every show in the country. Color is a glowing satiny pink. Flowers of great depth held well above the foliage on strong stems. Tuber \$1.00; plant 50c.

**EL REY (O & C) D.** A very large flower of the Jersey Beacon type, and a heavy winner in 1929. Achievement Medal at Los Angeles and the best three year old at California Flower Festival. Strong grower with good insect resistant foliage carrying the bloom on heavy stems. A rich golden salmon shade which blends well with other flowers. Tuber \$10.00; plant \$5.00.

**EMMA MARIE (Dahliadel) HC.** This popular new variety has become a favorite because of the glorious color combination of clear pink with a creamy white center. Large blooms on long, stiff stems, and a splendid keeper. One of the best. Tuber 75c.

**EMPIRE (California Cactus).** One of the best incurved dahlias in our collection. A raspberry red with perfectly rolled petals. Bushes are covered with blooms until frost. Tuber \$1.00; plant 50c.

**ELSIE OLIVER (Boston) HC.** An enormous creamy pink, shading to cream in the center. A more charming coloring in a flower is not possible, and the size makes it take an important place among the best of them. The stem is a little weak, but the bloom is excellent. Tuber \$1.00.

**FAITH GARABALDI (Boston) D.** A deep rose, shading lighter on outer petals. Perfect form with strong stems carrying the bloom well above the foliage. This variety is one of the best, and is a gold medal bloom with countless other minor awards in all sections of the country. We recommend it. Tuber \$1.50; plant 50c.

**F. T. D. (Fisher & Masson) D.** Named in honor of the Florists' Telegraph Delivery. A new variety of rich Tyrian Rose, a sport from Trentonian, and with all the strength of stem and foliage of the latter variety. It is of splendid form and the stem is really a marvel. Was purchased by nearly every dealer who saw it. Tuber \$2.00; plant \$1.00.

**FLAMING METEOR (Barker) D.** Again winner at the Los Angeles Biltmore show for the best vase of 50 blooms, and a winner of many other awards in all sections of the country. A flaming red, best described as an orange scarlet deepening to burnt orange in the center with petals showing an amber yellow base. Good form, and a real florist variety. Tuber \$2.00; plant \$1.00.

**FORT MONMOUTH (Kemp) HC.** This mammoth flower with high coloring has been one of the leading exhibition varieties in the Eastern shows this season, capturing many prizes, such as "Largest Flower in the Show" and "Best Flower." A rich claret in color with brightness unusual in the darker tones. Flowers frequently 13 inches diameter, and a winner in several shows as "largest flower." Plants only \$3.75.

**FORT WASHINGTON (Rindfleisch-Jost) D.** We believe this to be the best dark red on the market. A splendid mahogany shade which does not fade, borne on extra long stems of great strength. The bush is a very tall grower. Tuber \$3.50; plant \$1.75.

**FRANCESCA**—See the entire page devoted to this new variety in front of catalog. We consider it the best value in the new introductions offered for 1929, and it will be many years before a better one is offered at four dollars per tuber.

**FRANCIS LOBDELL (Waite) HC.** Mallow pink, shading to white in the center. Wonderfully free bloomer with flowers of good size and an unusual form. One of the best of the older varieties. Dwarf bush, with attractive foliage. Tuber \$1.00.

**F. W. FELLOWS (Stredwick) C.** This is one of the standard English Cactus Dahlias which has held its place from year to year. The color is orange scarlet with straight quilled petals on stems which are long, and hold the blossoms well. Tuber 50c.

**GEORGE WALTERS (Carter) HC.** This is one of the old favorites and a prize winner for many years. Coral rose, suffused with gold. It should have a place in every garden. Tuber 50c.

**GLADYS SHERWOOD (Broomall) HC.** Another of the older ones which is still popular. A splendid clear white of good habit. Blooms are not prolific, but size and form good. Tuber 50c.

**GOLDEN OPPORTUNITY (Doolittle) HS.** A sport from Clara Seaton and a vast improvement over this old variety. With the increasing popularity of hybrid shows, this variety has a prominent position. A rich buttercup yellow shaded burnt orange in centers. Tuber 50c.

**GORGEOUS (Peony).** A large bloom of great depth, standing on a stiff stem of great length. It will fit into your garden. Tuber \$1.00.

**GORGEOUS ELIZABETH (Boston) P.** Color is a brilliant red, gayly tipped gold and an introduction of 1927 which made a real record. We are all short on peony types and this is a good one. Takes its name from two others by the same originator: "Gorgeous" and "Elizabeth Boston." Tuber \$2.50.

**GRACE RICORDS (Eastern Decorative.)** One of the outstanding novelties of 1929 and a winner in many shows. Entirely different in form and color, being a high centered flower with numerous petals which are decidedly cleft, giving the flower an artistic formation. A white ground, tipped and suffused lavender. Tall grower. Plants only \$5.00.

**GRIZZLY, THE (Burns) HD.** Very large rich crimson, shaded maroon. It is a superb garden variety and is holding its place well. Tuber 50c.

**HALVELLA (McWhirter) D.** Color is a beautiful shade of rose pink, with flowers of a very large size, standing on stiff stems. A late bloomer, but prolific at the time when you want flowers. We like this as well as Jersey's Beauty and it coloring is richer. Tuber 50c.

**HARRY MAYER (Europe) D.** A splendid pale roseline purple which is held well above the foliage on long, stiff stems. Fine form and a good grower. Tuber \$2.50; plant \$1.25.

**HATHOR (Seal) D.** This distinctive dahlia is a vivid flame color with tones of orange and crimson showing. A large bloom on perfect stems and the richness of the color and free growing habit makes it one of the best of the newer varieties. Tuber \$2.50; plant \$1.25.

**HELEN IVINS (Fisher & Masson) D.** A beautiful orchid lavender decorative of exhibition size with exceptional depth and a rigid stem. Foliage is dark green and healthy. Plants only \$3.75.

**HERBERT RABY (English Cactus).** Huge flowers with long, narrow incurving petals.. The color is wine crimson and the bloom is one of the best. Tuber 50c.

**ISLAM PATROL (Davies) HC.** A California origination of great popularity, and has been a prize winner on the Pacific Coast in many shows. Dark velvety scarlet tipped with gold. A fine keeper with sturdy stems. We sold out completely on this variety last season and have an improved strain which we are offering now. Tuber \$1.00.

**IVORY (Boston) D.** Another splendid 1929 introduction of Bessie Boston. An immense self color of pure cream white, deeper at the center and just a shade lighter at the edges with a deeper tip. The petals are long, pointed and wave gracefully. The bush is medium tall and is a late bloomer. Plants only \$7.50.

**JANE COWL (Downs) D.** There is no question about it—Jane Cowl is the best Dahlia introduction in five years. We said this last year in our catalog, and the magnificent showing made by the flower in the shows this season bears out our prediction. Among our customers it was the biggest winner for them, carrying off "best flower in the show" in one instance. It has too long a list of winnings to enumerate here, and it is sufficient for us to say that we consider it the best of the 1928 introductions. The deep, massive bloom is a glistening shade of bronzy buff and old gold, shading deeper towards the center, reverse being a pale flesh color. The stem is perfect. The foliage is thick and leathery, absolutely insect proof. Worth twice the price. Tuber \$7.50; plant \$2.50.

**JEAN CHAZOT or GAY PAREE (Cayeaux) C.** A golden bronze nasturtium red suffusion. Free bloomer and very popular. Tuber 50c.

**JEAN HARE (Fisher & Masson) HC.** A new introduction of exceptional merit in an autumn shade of beautiful golden yellow, which changes to an apricot buff late in the season. Free bloomer of medium tall growth and excellent stem. Foliage is dark and leathery—the insect resisting kind. Tuber \$3.75.

### THE JERSEY GROUP

All originated by W. H. Waite and all good. Many are standard.

**JERSEY'S BEACON, D.** Chinese scarlet with a much paler reverse. In size it is a giant, and has been a medal winner wherever shown. Profuse bloomer with long stems of fair strength. One of the best sellers from the trial garden. Tuber \$1.00; plant 50c.

**JERSEY'S BEAUTY, D.** Since 1923 this has been the standard pink, by which all other pinks are compared. Without a doubt it is the most popular dahlia ever introduced, and probably has won more prizes than any half-dozen other varieties combined. Its color is a perfect, true pink. The size, stem, foliage, habit and profusion of bloom are such that it is nearly a perfect garden flower. As a cut flower it stands at the top of the list, frequently being shown in florists' windows on Fifth Avenue, New York, at \$10 per dozen blooms. We have an excellent strain. Tuber 75c; plant 50c.

**JERSEY'S CAPRICE, D.** An autumn shade, best described as apricot buff. Flowers large on strong stems. Very pretty. Tuber \$1.75.

**JERSEY'S IDEAL, D.** Dark lavender pink, and one of the best in its color. Splendid stems, form, and a free bloomer. Tuber \$2.50; plant \$1.25.

**JERSEY'S JEWEL, D.** A large mallow pink of soft shadings, with petals loose and attractive. A variety which attracted attention in our gardens for the past several seasons. Tuber 75c.

**JERSEY'S KING, D.** One of our favorites in a begonia rose, with a distinct form, the petals being broad, and rounded at the tips. A variety which attracts much attention because of the different color. Tuber 50c.

**JERSEY'S MAMMOTH, D.** Sometimes described as a hybrid cactus. Suitable only as an exhibition bloom, where size is a requisite. Well grown flowers sometimes measure 12 to 14 inches in diameter. The color a bronzy, dark burnt orange. Very pleasing. Tall growing bush. It has an only fault in that the stem is too weak to hold the gigantic bloom erect. Tuber \$1.50; plant 75c.

**JERSEY'S MASTERPIECE (Waite) D.** A new and valuable addition to the tribe of "Jersey's." An immense strawberry bloom suffused gold at the base of the petals. Excellently formed, and on stems of great strength. Thick, leathery foliage which is very attractive. Tuber \$5.00; plant \$2.50.

**JERSEY'S RADIANT, HC.** The name describes it—a rich bitter-sweet orange shade, and a fine exhibition variety. Tuber 75c.

**JERSEY'S SOVEREIGN, D.** Salmon orange flowers, of nearly a new shade. Size and stems good. Profuse bloomer. Tuber 50c.

**JESSIE K. PRESCOTT (Boston) D.** The color is a deep orange at the center, gradually shading to a creamy orange on the outer row of petals. The formation is unusual as the long, narrow petals have an inclination to roll backwards. Tall bushes giving a quantity of blooms with good stems. We recommend it highly. Tuber 50c.

**JOVE (Ballay) D.** A giant in bronze, shading with old rose and gold. We have never seen a flower of small size on this variety, and while it is not a profuse bloomer, each flower seems perfect, and an exhibition specimen. Winner as the "largest bloom" in several shows. Tuber \$3.50; plant \$1.50.

**JOY (Boston) D.** And now comes a pure lavender bloom without a trace of pink or red—a flower which can easily be pictured by painting a mental picture of the famous "Shudow's Lavender" in a larger size, better stem, if such a thing is possible, and without a trace of white. It grows on the end of the stem like a Chrysanthemum. A splendid bush with fern-like foliage. Winner of many prizes in the last two seasons, including the Chageda Garden Prize for the "best keeping dahlia" at the Los Angeles Biltmore Show in 1928. A splendid addition to your collection. Tuber \$5.00; plant \$2.50.

**JUDGE LEON McCORD (Boston) D.** Another of Bessie Boston's 1929 introductions of exceptional worth. A dahlia with splendid habit of growth, the bush being of medium height with the flower stems growing right out of the foliage, perfectly straight and stout, and holding an enormous flower of deepest shade of gold, with a reverse of old gold. A regularly formed bloom which lasts two weeks on the bush and is splendid for cutting. Medium to late bloomer, but prolific after it does start. Tuber \$15.00.

**JUDGE MAREAN (Marean) D.** This variety is a favorite in thousands of gardens, and with the changing shades of salmon pink, orange red and pure gold make the bloom equally attractive in the sun, or under artificial light. Free flowering. Tuber 50c.

**KALIF (Englehardt) C.** A very large, pure scarlet bloom. The giant flowers are produced freely on strong stems. Tuber 50c.

**KATHLEEN NORRIS (Fisher & Masson) D.** We believe this to be the only dahlia which ever won two Achievement Medals of the American Home Magazine in the same season. It was the hit of the New York Show and is destined to be the greatest Pink Decorative Dahlia in the 1930 shows. Color is a true rose pink, later deepening to mallow pink and paler in the young central petals. The petals are broad and overlapping, with twisted ends, filled to the center—it never shows an open center. A great bloomer on long stems about 14 inches between bloom and the first pair of leaves. Foliage is dark green and leathery, positively insect proof. A splendid new addition to the show table. Plants only \$5.00.

**KEMP'S VIOLET WONDER (Kemp) D.** One of the big winners in the 1928 Eastern Shows. A rich Naphthaline Violet, lightening to a bluish violet at the tips of petals. Lavender reverse. A fine, deep flower of great size and perfect form. It does not burn, and keeps well on the plant, or when cut. Tall growing plant with strong stems holding the flower well above the foliage. Tuber \$7.50; plant \$3.75.

**KING SOLOMON (Andrews) HC.** An orange buff or golden orange with an iridescent sheen on the curled and twisted petals, forming an exceptionally artistic dahlia. Good stem and profuse bloomer. Won many prizes. Tuber \$1.50.

**KENTUCKY (Wiggington) D.** A sport of Jersey's Beauty with every good trait of the latter. The color is a light salmon-orange, shading to grenadine orange, the base of petals being a light yellow. Petals are slightly twisted and are of splendid substance, making it an exceptionally fine cut flower. A prolific bloomer. Tuber \$10.00; plant \$3.00.

**KING TUT (Seal) D.** An extra large blossom of rich, dark velvety crimson burgundy Fine formation and a good stem. Was frequently ordered in our trial garden last season. Has been a prize winner during the last two seasons. Tuber \$2.00.

**KITTY DUNLAP (Boston) D.** A pure crimson rose decorative or large size, perfect form and a splendid stem. A free bloomer and a delightful dahlia. If you do not have it—order. Tuber 50c.

**LA FAVORITA (Lohrman) HC.** An old one which has real merit because of the clear flaming orange color with a perfect center. One of the best of the older varieties. Tuber 50c.

**LA MEXICANA (Fisher & Masson) HC.** Grenadine orange, toning to copper. The center of the flower is lighter in shade and tips of petals are slightly tinged with gold. An early and free bloomer. A recent introduction of great merit. Tuber \$2.50.

**LADY LYNDORA (Lyndora Gardens) D.** A free bloomer on a semi-dwarf bush. The color combination of pink and white is charming. Has been a consistent prize winner. Tuber \$3.50; plants \$1.75.

**LA RODA (Broomall) D.** Sometimes described as a hybrid-decorative. A charming silvery pink bloom of somewhat irregular formation with numerous petals in the center. Good form and a medium tall bush. Tuber \$7.50; plants \$3.75.

**LA PALOMA (O & C) HC.** A rich, creamy white Hybrid Cactus reminding one of an incurved chrysanthemum. Finest in its color. Tuber \$10.00; plant \$5.00.

**LA REINA (O & C) D.** A yellow, shaded golden buff at the tips with perfect form and on good stems. Good keeper. Tuber \$10.00; plant \$5.00.

**LES AMOURS DES MADAME (Show).** A beautiful pink ball dahlia with streaks of a darker shade through the petals. Tuber 50c.

**LITTLE JEWEL (Jeweltje Miniature Decorative).** Sometimes described as a Pom, but really a distinct type. A charming little pink bloom which has come to be one of the best sellers in cut flowers in the leading markets. A free bloomer on long stiff stems. The perfect center and the exceptional form of the bloom makes it one of the best varieties to grow for cutting. No garden should be without it. Tuber 75c.

**MADRONE (Carbone) D.** A huge, deep red, on very good stems. Some reds will not stand the California sun, but Madrone does not fade with us. Tuber \$1.50.

**MARGARET MASSON (Fisher & Masson) D.** A silvery rose pink of great depth and size. Truly an exhibition flower and a free bloomer. Tuber \$1.00; plant 50c.

**MARGARET WOODROW WLISON (Fisher & Masson) D.** Lilac white, with a reverse of phlox pink. Described as opalescent pink. A superb bloom with broad petals, heavily rolled. We recommend it. Tuber \$2.50; plant \$1.25.

**MARIAN BROOMALL (Broomall) HC.** An extra large, beautiful flower with a white center shading to an exquisite pink. Long stiff stems, and one of the most popular new varieties. Tuber \$1.50; plant 50c.

**MARIPOSA (Boston) HC.** Always will be a favorite in our garden, and one of the "best sellers" in the United States. Color a pure light pink with a touch of mauve. Good center and a florist's flower. Tuber \$1.00; plant 50c.

**MARMION (Tyler) D.** One of the largest, and certainly one of the best dahlias on the market. The cane stems hold the great golden yellow bloom high above the foliage. The flower is suffused with bronzy tones which make it exceptionally attractive. Good everywhere. Tuber \$1.50; plant 75c.

**MEADOW LARK (Burns) D.** A fine, large flower with shading of buff and straw, reverse darker. Very tall grower and a bush usually full of blooms. Tuber \$1.00.

**MEYERBEER (Peony).** A French introduction in crimson purple quite popular. Good size and bright color. Tuber 75c.

**MILLIONAIRE (Stillman) D.** An eastern dahlia which is standard. A delicate lavender pink, tinting to a white center. Tuber 50c.

**MME. MARIE AGNASTOKI (Hybrid Show.)** One of the best large pinks, frequently seen in the shows. Tuber 50c.

**MOTHER MACREE (Ballay) D.** A creamy white with a touch of pink at the center. Tall growing bush with splendid stems, holding the heavy blooms very well. Form of the flower is perfect, although sometimes shows the center. Tuber \$7.50; plant \$3.75.

**MRS. ALFRED B. SEAL (Seal) D.** Awarded the Achievement Medal at the Palace Hotel Show for the best 1928 introduction west of the Rockies. The flowers are huge blooms of old rose, with exceptional depth and on a stem of ample strength. Tall growing variety which we can recommend fully. Tuber \$15.00; plant \$7.50.

**MR. CROWLEY (Broomall) D.** This is without a doubt, one of the finest colored dahlias ever introduced. A clear, glowing, salmon pink with a golden yellow base of petals. The foliage is excellent, and the bush a compact grower. While the bloom is inclined to hide in the foliage, disbudding will eliminate this, making for you a charming addition to your garden. Tuber 50c.

**MRS. CARL SALBACH (Salbach) D.** This is a standard variety and a consistent prize winner. Large flower of lavender tints on pink, sometimes with a touch of white at the center. An excellent stem and one of the best for cutting. Tuber 50c.

**MRS. EDNA SPENCER (Spencer) C.** Silvery lilac, orchid pink and white. Large size, fine form and a prolific bloomer. Largely grown as a florists' flower, one planting of over 5 acres having been made last season. Tuber 50c.

**MRS. ELEANOR MARTIN (Pelicano) D.** With a color all its own. Mulberry suffused with gold, and one of the best ever originated. The form of the flower, the stem and the foliage is perfect. It is one of our largest sellers. Tuber \$1.50; plant 75c.

**MRS. ETHEL F. T. SMITH (Broomall) HC.** Creamy white, shading to a lemon tint at the center. Large flower; good stem. Tuber 50c.

**MRS. I. DE VER WARNER (Marean) D.** Considered the best of the standard orchid pinks, or mauve pink. True type and fine formation, and one of the most satisfactory dahlias in commerce. Everyone knows it, so no description is necessary. Tuber 50c.

**MRS. JOHN T. SCHEEPERS (Marean) D.** A lovely canary yellow, changing to old rose and pink on outer petals, and as season advances it takes on deeper tones. Strong growing bush and perfect stems. Tuber 50c.

**MY MARYLAND (Downs) HC.** One of the best 1928 introductions in the eastern shows. It takes its name through winning the Gold Medal of the Maryland Dahlia Society in 1928, along with a number of other awards in the same year. A delicate pink with a faint suggestion of lavender, each petal is tipped ivory. Splendid stem and foliage and a pleasure to grow. Tuber \$5.00; plant \$2.50.

**NICHU (Boston) HC.** Very large incurved sulphur yellow with a perfect closed center. Abundant bloomer on strong stems, and one of the best in color. Tuber \$1.00.

**NOBILIS (Doolittle) D.** Our garden, and in fact no garden would be complete without a row of Nobilis, for it is one of the most cheerful blooms imaginable. A bi-color combination of red and white which we consider better than Earl Williams. Good stems and a perfect grower. Tuber \$1.00; plant 50c.

**NORMAN (West) C.** A Splendid English Cactus with finely twisted petals of deep, rich scarlet. Blooms well above the bush on good stems. Tuber 75c.

**OBERON (Boston) HC.** Deep old rose with violet suffusion. Free flowering on long stems, over a great part of the season. Tuber \$1.50.

**OUR COUNTRY (Stillman) D.** This is so distinct in color combination that it should be in every garden. A large bi-color flower of deep purple, tipped white. The heavy bloom bends the stem, but this is its only fault. Tuber \$1.00.

**PALMDALE (Garrity) D.** A most uncommon color in dahlias, being a bluish violet or purple, very attractive and pleasing in the garden and massed in decoration. Fine size and form on a perfect stem. This variety appears to be the same as "Ardis", sold by Williams. Either variety makes a splendid addition to your garden. Tuber \$2.50; plant \$1.25.

**PAPILLION (Boston) HC.** Light yellow, suffused old gold to old rose. Extra large size and a free bloomer. Good form and stems. Tuber \$1.00; plant 50c.

**PAUL MICHAEL (Michael).** One of the largest of the California Decoratives and best described as "California Gold." It has just a faint tint of old rose, with a perfect center and wire stems. Good habit and growth. One of the best known dahlias in commerce. Tuber 50c.

**PAUL REVERE (Bissell) D.** A fine red which does not fade or burn in strong sunlight. Large and deep with wavy petals of velvety red. Tuber \$2.00; plant \$1.00.

**PEPPER'S DELIGHT (Decorative).** A true pink for cutting. Fine stem and an easy grower which is very popular in the cut flower markets. Tuber \$3.00; plant \$1.50.

**PIERROT (Stredwick) C.** Always has a place in your garden. An attractive deep amber, distinctly tipped white. Tuber 50c.

**POLAR BEAR (Decorative).** A pure white of splendid form, which will stand the sun. Good stems and splendid keeping qualities, and one of the best commercial whites. Received Award of Merit at the Wisley Trials in England, and is very popular in this country, especially in the hot valleys, where it does better than any other white. Tuber 50c.

**POP STEWART (Fisher & Masson) D.** A remarkable flower of lilac pink which is very free blooming. Large size on good stems and often ordered in our Fall trials. Tuber \$1.50; plant 75c.

**PRIDE OF CALIFORNIA (Lohrman) D.** Called the "American Beauty Dahlia." A standard variety grown very largely for cut flowers. Crimson red, with a dark, full center. Tuber 50c.

**PRIMULA REX (Broomall) D.** A startling bloom of very light cream or primrose shade which attracts immediate attention in the garden because of the gigantic flowers on thick stems. Tuber \$2.00; plant \$1.00.

**QUEEN OF THE GARDEN BEAUTIFUL (Decorative).** Introduced by Burns, but originated in the "Garden Beautiful" maintained by the inmates at San Quentin Prison. This dahlia has a great number of awards as the "largest flower in the show," and is easy to grow to 13 to 14 inches. It is a clear yellow, with good stems, and a recent introduction. One of the best sellers. Tuber \$1.50; plant 75c.

**ROBERT TREAT (Mueller) D.** An American Beauty Red; a rosy shade which stands the sun well and is pleasing to the eye. The blooms are of good size and the stem, foliage and habit of growth make it one of the best in the garden. Very good. Tuber \$1.00; plant 50c.

**REGAL (Boston) D.** One of the best of the 1928 introductions of Bessie Boston, and a variety which was a gold medal winner as a seedling in 1926 and 1927. It is a huge decorative of an uncommon bronze shade, heavily suffused with old rose, shading to gold in the center. The form is excellent; the stem is rigid, carrying the bloom well above the foliage. The bush is of medium height and is covered with blooms during the entire season. Tuber \$10.00; plant \$3.00.

**REGENT (Boston) AC.** A tyrian pink American Cactus which shades lighter toward the center, which is entirely hidden by the incurving petals. Good size, and a pleasing color. Tuber \$1.00.

**RODMAN WANAMAKER (Peacock) P.** Golden bronzy salmon pink with a distinct yellow center. Very popular as a cut flower and many times a prize winner. One of the best sellers. Tuber 75c.

**ROLLO BOY (Pelicano) HC.** Amber shading to old gold. Splendid grower and a profuse bloomer. You will like it, and find it worth the price. Tuber \$1.00; plant 50c.

**ROMAN EAGLE (Fisher & Masson) D.** A typical autumn shade of a flaming brilliant burnished copper, similar to Trentonian, but newer. Tuber \$1.00.

**ROOKWOOD (Boston) D.** A deep cerise rose, with petals that curl and crinkle. One of the finest and most aristocratic flowers ever put in commerce. You will see this one of the leading florist varieties when the price comes down several years hence. It is a poor root producer, however, and stock is usually less than demand each year. Bushes are low growing and are literally covered with blooms. Tuber \$2.00; plant \$1.00.

**ROSA NELL (Broomall) D.** Another standard florists' flower and grown by the thousands in many locations for cut flowers. A huge bloom of sparkling deep rose, on long powerful stems. Tuber 50c.

**ROSE FALLON (Harding) D.** A deep old rose bloom which caused a sensation in the Dahlia World. Perfect form and a straight stem. Tuber \$1.50.

**SAGAMORE (Badetty) D.** A perfect golden flower, deepening to the center to a rich reddish apricot. The stems are fine, and hold the exceptionally deep blooms well above the foliage. Tuber \$1.00; plant 50c.

**SALBACH'S WHITE (Salbach) D.** A most beautiful large, ivory white bloom of perfect form. Keeps well, and does not burn. The stems are excellent, and it is a very satisfactory bloomer. We consider it our best white. Tuber \$3.00; plant \$1.00.

**SANHICAN'S BLUEBIRD (Fisher & Masson) D.** One of the nearest things to a blue dahlia we have seen. A violet blue of good size, on stiff stems, and a splendid variety for cutting. Sure to please you. Tuber \$2.00; plant \$1.00.

**SANHICAN'S GEM (Fisher & Masson) D.** Don't miss this in your garden if you are not now growing it. A delightful shade of old rose, thickly suffused with amber. Petals are staghorn type. Good form and a great favorite. Tuber \$1.50; plant 50c.

**SANHICAN'S MAGNATE (Fisher & Masson) D.** A giant exhibition flower of amaranth pink and deep claret veined reverse. Fair stems, but certainly an unusual color combination which catches the eye in the garden. Tuber \$2.00; plant \$1.00.

**SANHICAN'S PEACH (Fisher & Masson) HC.** A new variety with a peach cheek glow with oddly twisted petals. Rich dark green foliage. Good stems and habit of growth. Very lovely. Tuber \$3.00; plant \$1.50.

**SCREAMER (Peony).** A two toned dahlia in shades of lavender and violet tones. Large size and a hardy grower. Tuber 50c.

**SEAL OF CONNECTICUT (Alling) D.** A large clear yellow on good stems. Prolific bloomer on a bush of medium height. Winner of Firsts in the New York Show in recent years. Tuber \$2.00.

**SEÑORITA (Lohrman) D.** An unusual velvety crimson bloom of great size, on long stiff stems. Charming bloom. Tuber 75c.

**SHADOW'S LAVENDER (Boston) D.** Very large bloom of silvery lavender, shading to white. A large flower standing on top of a rigid stem. Tuber \$1.00; plant 50c.

**SIERRA (California Hybrid Show.)** One of our favorites. A lavender white with petals edged a deep lavender. Delicate coloring and a flower of good substance. Tuber 75c.

**SILVERADO (Seal) HC.** One of the largest dahlias ever introduced. A white, gradually shading to a faint lavender center. Strong grower, producing blooms on stout stems of good length. One of the best sellers. Tuber \$3.50; plant \$1.75.

**SILVERHILL PARK (English Cactus).** A gold medal winner in England. A glistening white, beautifully incurved in form and with a perfect center. Tall grower with good stems. Tuber \$1.00; plant 50c.

**SILVERTIPT (Davis) HC.** See illustration on cover, and description on front pages. This new variety will find a place in every garden where Earle Williams, Cigarette, Nobilis and the other bi-color dahlias are grown and liked.

**SISKIYOU (Broomall) HC.** A "different" dahlia of lavender pink, extremely large in diameter. Stems are good. Usually a winner in the class for "largest blooms." Tuber \$1.50; plant 75c.

**SOLE MIO (Pelicano) D.** Deep yellow, suffused with apricot. Excellent stems, and a gold medal winner. Tuber \$1.50; plant 75c.

**STARLIGHT (Boston) HC.** A giant in pure gold, without other shading. Tall bush carries enormous flowers on long stems. Early and late bloomer. Tuber \$10.00; plant \$3.00.

**SYDNEY B. MITCHELL (Salbach) D.** A deep velvety red shading to a Tyrian rose at end of petals. Prolific bloomer. Tuber \$1.00.

**SUNMAID (Spacher) HC.** Soft blending of orange and gold. Flower has great depth and is perfect through the entire season. Extra long, stiff stems and free blooming. This dahlia is little known, but we consider it one of the best in our collection. Tuber \$1.00.

**THE U. S. A. (Stillman) P.** Yes, we still have calls for U. S. A., and a good one it is, too. A mammoth flower of deep orange that is very unusual. Plant is a free grower and a good bloomer. Tuber 50c.

**TOMMY ATKINS (Boston) D.** A charming red with a dazzling scarlet tone which is unusual. We have never seen a more brilliant scarlet in a flower of any kind. It stands out against beautiful foliage, on excellent stems, and is one of the first attractions in our trial gardens. It blooms early and constantly. One of the very best. Tuber \$1.00; plant 50c.

**TRENTONIAN (Fisher & Masson) D.** Took the Dahlia World by storm, and is probably one of the best exhibition varieties in both the east and west coasts. A dull copper, which can be described as shades of brown. Very strong stem on a bush which is insect proof. Tuber \$1.00; plant 50c.

**TRYPHINNIE (Seal) D.** An unusual flower with shades of pink and yellow. Rather a dwarf but with excellent stems. Reminds you of a water lily. Tuber 50c.

**VALENTINO (Boston) D.** An unusual color combination of salmon pink shading to cream, in an enormous decorative introduced in 1928 by Bessie Boston. The form of the flower is perfect, and the center holds well through the entire season. A prolific bloomer on bushes of medium height, with stems which are cane-like, and hold the flower well out of the foliage. An excellent new variety. Tuber \$7.50; plant \$3.75.

**VALESKA (Ballay) D.** A deep lilac bloom with slightly curled petals and a high center. Fine color; firm stem and good grower. Tuber \$5.00.



**WATCHUNG SUNRISE (Smith) D.** A golden amber with a reverse of rose pink, each petal being edged rose pink. Rather a tall grower and the stems are exceptionally long and straight, carrying the flower in perfect position for garden and exhibition use. Tuber \$3.50; plant \$1.50.

**WHITE EMPRESS (Jost-Alling D.** The 1928 winner of the Darnell Cup at New York for the best keeper. It is the finest white decorative in our garden, and a pleasure to grow. Fine stem and foliage. Tuber \$7.50; plant \$3.00.

**WIZARD OF OZ (Doolittle) D.** Salmon rose, shading to amber towards the center. Exceptionally large blooms on rigid stems, and one of the most popular dahlias in our collection. Tuber \$1.00; plant 50c.

**WORLD'S BEST WHITE (Murphy) D.** A pure white, which has been very popular. Full center; fine stem. Tuber 50c.

**YELLOW BEAUTY (Waite) D.** This is the yellow for which you have been waiting. A seedling from Jersey's Beauty with all the good points of its parent. It is a pure empire yellow with absolutely no other markings. Large size, exceeding the diameter of Jersey's Beauty with the same branching habit and perfect stem as the parent flower. Tuber \$10.00; plant \$3.00.

**YUBAN (Doty) HS.** A clear yellow, striped and speckled red. A huge flower which attracts much attention in the garden. Tuber 50c.

## DAHLIA COLLECTIONS

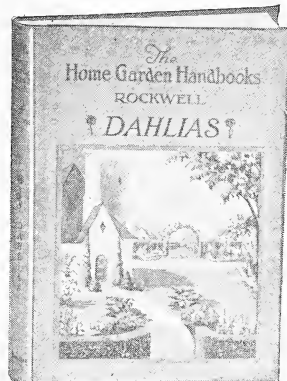
We grow most varieties of the newer Dahlias and are always anxious to have our friends improve the strains they are growing. To this end we are making up six assortments of Dahlia Tubers and Dahlia Plants of the very best varieties, to fit any sized pocketbook. They are wonderful values—not discarded stock—but the best we grow.

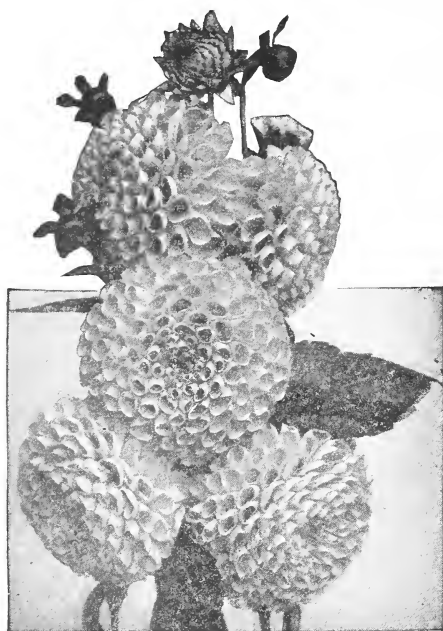
- COLLECTION D-32:** One tuber each of six fine Exhibition Dahlias of giant size, each labeled with name and with a regular catalog value of \$3.75 or more, if bought separately—Postpaid .....\$ 2.00
- COLLECTION D-36:** One tuber each of six new giant Exhibition Dahlias each with name and each having a value of from \$1.00 to \$2.50 per tuber in our catalog—Postpaid .....\$ 5.00
- COLLECTION D-37:** One tuber each of ten of the newest introductions, each labeled with name, and the ten with a total catalog value of \$18.00 or more. A splendid assortment. Postpaid.....\$10.00
- COLLECTION D-38:** One Green Plant each of 9 Exhibition Dahlias, each with name and a splendid value. (Sent Express collect).....\$ 2.00
- COLLECTION D-39:** One Green Plant each of 10 new varieties of Exhibition Dahlias, each with name and a saving of half. (Sent express collect) .....\$5.00
- COLLECTION D-40:** One Green Plant each of 15 of the latest introductions of Giant Exhibition Dahlias, including one plant of Kathleen Norris, one of Francesca and one of Jane Cowl. Sent express prepaid .....\$15.00

**NOTE:** When you order a collection from us you put us on our honor. We are automatically conscious that you are placing a confidence in us to fill your order with choice specimens. You may rest assured that your confidence will not be misplaced, for we have many customers who simply send us a check, saying: "Ship us some good dahlias (or other plant material) up to the amount of our remittance." These folks are our most loyal customers, for they get exceptionally liberal treatment.

**DAHLIAS,** by F. F. Rockwell. All dahlia lovers will profit from this interesting and helpful book. It describes the various types and tells their uses, how to plant and grow them, the fertilizers to use, how to control pests, how to harvest and store, grow for exhibition, and how to propagate and hybridize. 65 illustrations, 80 pages. \$1.00.

**IRISES,** by F. F. Rockwell. A handy guide which will do much to bring success with irises as well as to show new uses and effects possible with them. Describes the dwarf, early German, Japanese, Siberian, water, crested, Spanish, English, Dutch and other types; tells the best soils; what fertilizers to use; how to plant; and what care is necessary. Tells how to propagate stock for your own use. 54 illustrations, 80 pages. \$1.00.





POMPON DAHLIAS, ACTUAL SIZE

## POMPON DAHLIAS



You can plant nothing better in your garden to produce a wealth of cut flowers for the home, over a long period than Pompon Dahlias.

They are very easy to grow, can be planted quite closely together, and may be used with other annuals and with shrubbery in the border or the foundation planting. Plant to plant more Pompons this year.

### NEW VARIETIES

**TAKA'S PURPLE.** An odd new shade which has created a sensation of the San Francisco cut-flower market. A purple with a bluish sheen borne on very long stems and in profusion on a perfect bush. Tuber, each 75c.

**HELEN ANITA.** Small lavender with white center. 75c.

**PEGGY ANN.** Yellow, edged brownish red. \$1.50.

**SUZANNE.** Lavender, pointed petals. \$1.50.

**JOHNNY PEPPIN.** Small dark crimson. \$1.50.

**CORA MAY.** Salmon pink shaded yellow with a rose colored eye. \$1.50

### STANDARD VARIETIES

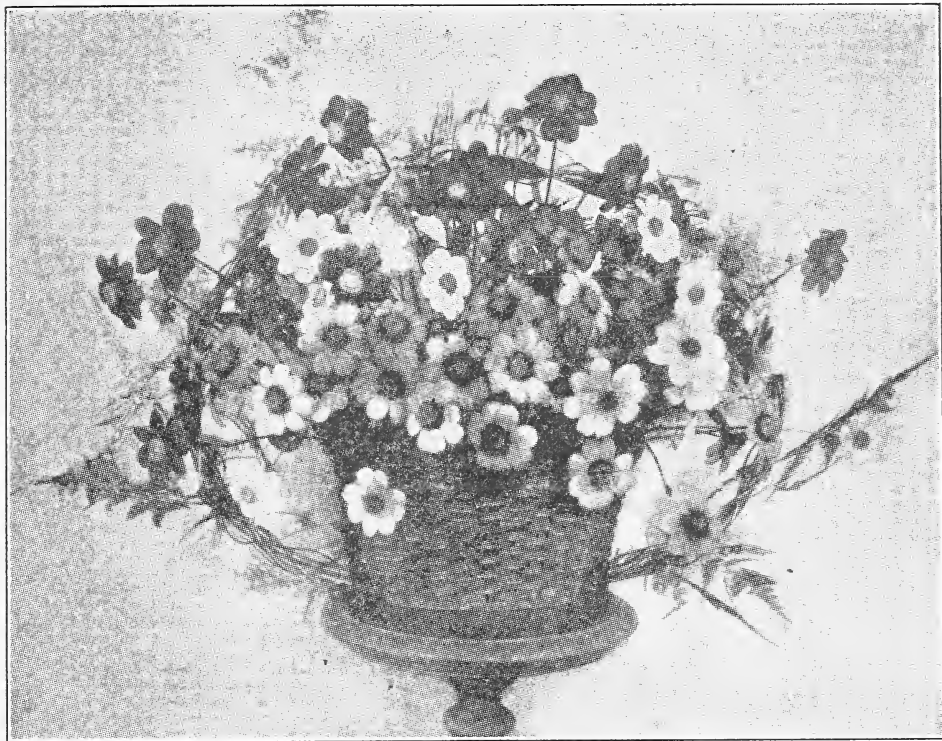
AI-MEE—A wee bronze .....	50c
AMBER QUEEN—Richoglen bronze, of food form .....	35c
ANNIE DONCASTER—Yellow base, suffused and edged pink lavender .....	35c
BOBBY—Plum Color .....	35c
CHEERFULNESS—Orange, suffused red .....	35c
DARKEST OF ALL—Maroon, almost black .....	50c
DEE DEE—Pale lilac; small and good .....	50c
EVA SALBACH—One of the best brilliant reds .....	35c
GERTRUDE—(New) A splendid bright red .....	\$1.00
GANYMEDE—Amber, tinted lilac .....	50c
GENE—Light gold with brown center .....	50c
GEORGE IRELAND—Beautiful mauve; tiny .....	50c
GIRLIE—Lilac, of a rosy shade .....	50c
GLOW—Old rose; excellent form, and one of the best for cutting .....	50c
HAZEL—Buff, deepening to a brown .....	50c
JOE FETTE—A standard white .....	50c
JOHNNIE—A good dark red .....	50c
KLEIN DOMIETA—Bright orange, buff .....	35c
LILIAS—Lovely cream, heavily suffused pinkish mauve .....	50c
LITTLE BEESWING—Golden yellow, distinctly tipped bright red. Good .....	50c
LITTLE DAVID—A small deep orange .....	50c
LOLITA—(New) Rich yellow with a brown center. Attractive .....	50c
MARS—A brilliant red .....	35c
NELLIE FRASER—Light ground, edged rose pink .....	50c
PHYLLIS—Deep yellow, shaded and tipped red .....	50c
REGULUS—A fine bright crimson purple .....	50c
ROSEA—Bluish lilac, small .....	50c
SNOWCLAD—Small, white .....	50c
SUNSET—Bright orange .....	35c
TOMMY KEITH—Red, tipped white .....	35c
YELLOW GEM—The best yellow to date .....	50c

ONE DOZEN POMPONS OF YOUR SELECTION LISTED 50c EACH FOR \$5.00.

ONE DOZEN LISTED AT 35c EACH FOR \$3.50

COLLECTION D-33: One dozen Pompon Dahlia Tubers, each different, each with name attached and of our selection—\$2.75. (50 tubers for \$9.50; one hundred for \$17.50.)

# ENGLISH BEDDING SINGLE DAHLIAS



The basket of English Single Dahlias illustrated above gives just a slight idea of the beauty and grace of this charming new addition to the garden. These are best described in a recent article under "New and Rare Flowers" as follows:

"The plants are in full bloom in a little less than three months after planting and continue uninterruptedly until frost. With flowers the same size as the well known single Dahlia, this new dwarf race is even more floriferous while the plant is in full bloom does not exceed two feet in height, thus making it ideal for bedding. The flowers are held erect on long, stiff stems, and literally break away from the ground furnishing the most excellent material for cutting—decidedly a feature in the garden. We believe it will replace the Geranium to a great extent once its grace and beauty are generally recognized."

We grow these in large quantity, and an English Dahlia Show Judge who saw them in our fields last season said: "Your strain is unbeatable." The colors range from white to deepest maroon, with many shades in the same flower in frequent instances. You can also raise these from seed, which we list in the first pages under Dahlia Seed, but this offering is selected bulbs, and our selection is classified as "Mignon Bedding Dahlias," described as follows:

Mignon Bedding Dahlias are a selection of the choicest colors and shades of the English Bedding Singles, and in the last two years have been largely used in the leading parks and estates for hedges and beds, giving a mass of color throughout the season. They require little care and no disbudding. They have been one of the leading attractions at Flower Shows during the past season, and fashionable florists have shown them in their windows in flower bowls and table centerpieces.

**COLLECTION D-33:** One dozen strong tubers Mignon Dwarf Bedding Dahlias, assorted colors .....\$ 2.75  
 Three dozen tubers for ..... 6.75  
 One hundred tubers for .....14.50

# GLADIOLUS



Gladiolus bulbs are ready for shipment from November until late in May. For shipment to points East of the Rockies, and colder regions generally, we hold the shipment until after March First. We guarantee our bulbs to be true to name, free from disease and thoroughly first class stock. We are not responsible for growing conditions, and cannot extend the guarantee to their growth. In no case are we liable for

more than the actual price of the bulbs, and sales are made subject to your acceptance of this agreement. Should you find any bulb, or bulbs not true to name, notify us and we will replace. Do not send the bulb back. We have practically no adjustments to make, but being human, make mistakes once in a while.

Where no size is mentioned we quote on Large bulbs. Both the large size and Medium size will bloom the first year. 4 or more bulbs at the dozen rate. 25 or more bulbs at the 100 rate. We prepay shipping charges on Gladiolus bulbs when the order amounts to \$2.00 or more. If you order less than that amount, add 25c to cover shipping charges.



BETTY NUTHALL

**ALICE TIPLADY (Kundred).** Primulinus type. Probably the most popular and most widely grown of the Prims. A splendid spike of beautiful orange-saffron color, which has been awarded many prizes in all sections of the country. 8c each; 75c dozen; \$5.00 hundred.

**ANNA EBERIUS (Diener).** Deep rich purple blooms of great size, shading deeper into the throat. 8c each; 75c dozen; \$5.00 hundred.

**BERNARD SHAW (Diener).** A pale lilac tinted beauty, penciled with purple. A touch of lemon on the lower petals. Large open flowers on long spikes. 50c each; \$5.00 dozen.

**BETTY NUTHALL (Salbach 1928.)**—Considered by many growers to be the best of Mr. Salbach's introductions. Illustration shows blooms which measured six inches across. Light coral colored blooms of great size, with pale orange throat markings and feathering of carmine. The plants are tall and vigorous in growth, with flower spikes gracefully carrying 6 to 8 well expanded blooms open at a time. It is a good producer, large bulbs usually producing from two to three separate stalks. Large \$5.00; medium \$3.00; small \$1.25.

# 1930 *Gladiolus* Introduction

In the thirty-five years before his death, Luther Burbank had done much to develop the fine new varieties of *Gladiolus* we enjoy today. At the time his labors ceased he had selected 11 seedlings from hundreds of thousands which he had been growing.

Of these 11 seedlings a considerable stock has been increased by the Burbank Experimental Farms which are now operated by Stark Brothers of Louisiana, Mo.

We feel honored that Chageda Gardens was allowed to select from these 11 new varieties, one which we were to introduce to the trade for Stark Brothers.

Our selection was "Mary Ellen", and we are going to give you the original description of it, taken from Luther Burbank's records:

"MARY ELLEN is a *gladiolus* that those who love rare and exotic beauty will prefer above all others. Of orchid pink shades, its very wide petals and smiling open face, the lower petals pale yellow feathered with crimson and with a slender gold line down the middle, this *gladiolus* will grace any garden. Moreover, the height is good, the plant sturdy and vigorous, and the flowers begin to bloom early."

"Mary Ellen" in real life is a beautiful little girl who was a frequent visitor to the Burbank Gardens. She was present in September 1929 at the California Flower Festival when the Glad named after her was given a special award as part of the great exhibit of Burbank Experimental Farms.

A fine lot of bulbs is ready for you at: Large \$2.00 each; medium \$1.00 each and small 50c each.

## STANDARD VARIETIES OF GLADIOLUS

**BETTY JOY (Bill).** Soft, creamy white, flushed La France pink. Strong grower, long flower spikes with 6 to 10 perfect flowers open at one time. Delicately beautiful. Large 50c; medium 35c.

**BREAK O' DAY (Bill).** Clear pink blooms with darker throat lines on a good willowy spike. A leading early cut flower variety and very popular. 15c each; \$1.50 per dozen.

**CARMELITA (Diener).** A very odd flower of smoky pink, blotched and striped with steel blue. Yellow and slate lip. 50c each; \$5.00 dozen.

**DR. F. E. BENNETT (Diener).** One of the most perfect of the brilliant reds. A deep peach red overlaid with flame scarlet. Many very large flowers open at one time on a good long spike. 25c each; \$2.50 dozen.

**E. J. SHAYLOR (Kundred).** Ruffled. Deep rose pink blooms on a strong spike and one of the best and most satisfactory for the home garden. 10c each; 75c dozen.

**FERN KYLE (Kundred).** Ruffled. One of Mr. Kundred's exhibition varieties of great merit. Creamy white flowers with slight mark of purple in the throat. Blooms of large size on long spike. 25c each; \$2.00 dozen.

**GENESEE (Davis).** A very fine primulinus hybrid on sturdy stems with perfect form and placement. Clear creamy yellow. 10c each; 75c per dozen.

**GERALDINE FARRAR (Diener).** Winner of the first prize for the best blue variety at the American *Gladiolus* Society convention in New York. A pale lavender with a deep violet spot on the lip. Large 50c; medium 25c.

**GIANT NYMPH (Coleman).** A vigorous growing variety of light rose pink, with creamy yellow throat. Tall and stately. 10c each; \$1.00 dozen.

**GLADIS PLATH (Diener).** An orchid flowering, mallow purple, dark near the edges with a white stripe through each petal. Large crimson spot on the lip. 15c each; \$1.50 dozen.

**GOLDEN DREAM (Groff).** One of the best, clear, deep golden yellows; very tall, with many flowers open at one time. The bloom has a splendid substance, and is highly recommended. Large 50c; medium 30c.

**GOLD EAGLE (Austin).** A lovely clear yellow which does not burn, fade or fleck on the hottest sun. Vigorous grower, and one of the best listed. Large 25c; \$2.50 dozen.



HEAVENLY BLUE

**HEAVENLY BLUE (Pfitzer.)** Large clear delicate lavender blue of great refinement and elegance. Reverse of petals much darker. Long graceful spike, many open. Blooms out to the very tip. Large \$3.00 each; medium \$2.00; small \$1.00.

**GOLDEN FRILLS (Kundred).** A heavily ruffled prim hybrid of heavy substance. Rich daffodil yellow with a carmine tongue. Large 40c; medium 30c.

**GLORIANA (Betscher).** A majestic spike of golden salmon blooms, not wide open, but with a distinctive shape. Clear yellow throat and a splendid grower. Large 35c each; medium 20c.

**HELEN WILLS (Salbach).** The illustration shows one of the best white gladiolus ever introduced, and named in honor of America's best woman tennis player. A clean, large white, shading to soft canary yellow on the lower petals. Tall, vigorous, and of wonderful substance. A coming cut flower for the florist trade. Large 75c; medium 50c.

**GOLDEN MEASURE (Kelway).** A pure yellow with a golden sheen which is thoroughly reliable. It is a standard florists' variety and is satisfactory in all sections. 10c each; \$1.00 dozen; \$6.00 hundred.

**HALLEY.** Large clear salmon-pink blooms on fine spikes. One of the most popular florists' varieties because it is an extra early bloomer. 8c each; 75c dozen; \$5.00 hundred.

**HENRY FORD (Diener).** A clear, dark rhodamine purple shading into deeper tones near the center. Excellent propagator. 10c each; \$1.00 dozen.

**HERADA (Austin).** The blooms are a vivid mauve color and fully open on a strong spike, making a pleasing color combination with the green of the stem. 8c each; 75c dozen; \$5.00 hundred.

**J. A. CARBONE (Diener).** A standard variety, of an orange salmon, very iridescent and darker at the edge of petals. Yellow throat. Splendid long spikes. 15c each; \$1.50 dozen.

**JACK LONDON (Diener).** Light salmon penciled vermillion. Canary yellow throat also penciled. Perfect bloom. 10c each; \$1.00 dozen.

**KATHERINE F. HESS (Diener).** A flame shaded geranium pink with lighter center. Large flowers and long spikes. 15c each; \$1.50 dozen.

**KIRCHOFF'S NEW VIOLET (Kchf.)**—One of the best of the dark violets and a vast improvement on the old "Violet" variety. Large 25c each; \$2.50 per dozen.

**KING TUT (Davis).** A splendid novelty in a gigantic flower of Venetian pink blended with peach red with fine throat markings. Flowers are wide open on a tall, straight spike. Large \$1.00; medium 75c.

**LONGFELLOW (Prestgard).** A tall, slender spike of large La France pink blooms which stand wide open. The placement is excellent and the flower stands the extreme heat. 25c each; \$2.50 per dozen.



**LLEWELLYN (Salbach).** A seedling of Pink Lily but much taller, and of a lighter shade of rose pink, with soft cream throat. Heavily ruffled. 15c each; \$1.50 dozen.

**LE MARECHAL FOCH.** Deep flowers of rose pink of great size and closely set on strong stems. A very popular early bloomer. 8c each; 75c dozen; \$5.00 hundred.

**LOS ANGELES (Houdyshehl).** Called the "Cut and Come Again" Glad, due to its wealth of bloom spikes. A graceful, clear bright pink with darker throat. Wonderful variety, featured in all the catalogs. 10c each; \$1.00 dozen; \$7.00 hundred.

**MAIDENBLUSH.** Primulinus type. A very popular delicate pink bloom on slender stems. Very early. 8c each; 75c dozen; \$5.00 hundred.

**MARMORA (Errey).** A magnificent flower of grayish lavender color, with an old rose blotch. Many flowers open at a time, and each is of great size. Nothing like it. Exceptionally good. Large \$1.00; medium 50c.

**MING TOY (Kundred).** One of the most popular glads in our Trial Grounds. An apricot yellow, touched with bittersweet orange. A grand primulinus with excellent habits. 10c each; \$1.00 per doz.

**MRS. JOHN S. WOOD (Metzner.)** One of the largest and tallest gladiolus grown. Deep salmon pink shading to a coral, with flaked scarlet and ruby dots in throat. A splendid multiplier. 20c each; \$2.00 dozen.

**MRS. DR. NORTON (Kundred).** White with a soft pink suffusion, and lower petals are dotted with bright pink on a sulphur yellow. 10c each; \$1.00 dozen; \$6.00 hundred.

**MRS. F. C. HORNSBERGER (Hornsberger).** One of the best of the all pure white. Won the championship cup for the best three spikes in the Boston Show in addition to a first on pure white. Large 50c; medium 35c.

**MRS. FRANCIS KING.** Popular variety with sturdy strong spikes, closely set with very large, rich light scarlet blooms. 8c each; 75c dozen; \$5.00 hundred.

**MRS. FRANK PENDLETON (Kundred)** A charming salmon pink with dark red blotches in throat. 8c each; 75c dozen; \$5.00 hundred.



HELEN WILLS

**MRS. H. E. BOTHIN (Diener).** A heavily ruffled, light geranium pink with flame scarlet center. Splendid cut flower variety, having long, sturdy spikes. 10c each; 75c dozen.

**MRS. J. K. ARMSBY (Diener).** A great many large flowers opening at one time of a coral pink with a cream throat, speckled ruby. 15c each; \$1.50 dozen.

**MRS. LEON DOUGLAS (Diener).** This is rapidly becoming one of the leading florist varieties because of the exceptional perfection of the large blooms, which are begonia rose, striped with flame. Flowers of great size are gracefully carried on a long spike. 20c each; \$2.00 dozen.

**MRS. RICHARD LOHRMAN (Diener).** A creamy shell pink of delicate tone with a pale yellow lip. Very attractive 25c each; \$2.00 dozen.

**MRS. VAN KONYNENBURG (Pfitzer)** Tall, clear light blue, and probably the best ever introduced. Wonderful propagator, and one of the best sellers. Large 50c; medium 30c.

**MR. W. H. PHIPPS (Diener).** Beautiful La France pink, overlaid light salmon rose. Lower petals faintly streaked and dotted ruby. Flowers are enormous ten or more being open at one time. The plant is tall and flower spike long. 25c each; \$2.50 dozen.

**NANCY HANKS (Salbach).** Rich apricot to orange prim with grenadine tongue. A large flowering variety with six or more open at one time. A fine cut flower and a splendid and vigorous grower. 25c each; \$2.50 dozen.

**OPALESCE (Bill).** A large, pale rose lavender. A good commercial variety, and an easy grower. 10c each; \$1.00 dozen.

**ORANGE QUEEN (Pfitzer).** *Primulinus grandiflora* type in a large, self-colored copper orange, which is wide open, and has great beauty. 15c each; \$1.50 dozen.

**PANAMA.** A tall grower with extra large blooms of luminous bright pink. One of the most popular cut-flower varieties, and largely grown by the commercial gardener. 8c each; 75c dozen; \$5.00 hundred.

**PEARL OF CALIFORNIA (Kingsley).** The size, color, and form of this flower are all that could be desired. A tall, graceful spike bears from twenty-six to thirty-two buds with eight to twelve open at one time. The color is clear, soft La France pink, blending to a rosy white throat. Excellent cut flower and charming in the garden. We recommend it highly. Large 75c; medium 50c.

**PFITZER'S TRIUMPH (Pfitzer).** This is unquestionably one of the largest and finest gladiolus ever introduced. The enormous *Amaryllis*-like flowers are bright flaming salmon with cherry blotch in the throat. It is one of the most striking glads in the garden. Large 75c; medium 50c.

**PRINCE OF WALES (V. Z.)** A very early bloomer with large flowers of salmon pink. Splendid florists' variety. 8c each; 75c dozen; \$5.00 hundred.

**PRIMROSE PRINCESS (Salbach).** Tall growing spike of rich primrose yellow with darker lower petals. Flowers are well placed and many are open at one time. Large 75c; medium 50c each.

**PURPLE GLORY (Kundred).** A velvety purple with darker throat. 15c each; \$1.50 dozen.

**QUINTON (Kemp).** Wide open flower of a pleasing shade of coral pink, deeper towards the edge of the petals. Lower lip is lined with darker pink. Good grower. 8c each; 75c dozen; \$5.00 per hundred.

**ROSE GLORY (Kundred).** A ruffled rose pink flower with deeper throat. Very popular. 10c each; \$1.00 per dozen.

**RICHARD DIENER (Diener).** A gorgeous bloomer of geranium pink with a yellow throat. Very popular. 10c each; \$1.00 dozen.

**ROSE ASH (Diener).** Strong stemmed, popular variety with good blooms of a rose shade suffused with a curious combination of blue, yellow and gray. One of the best. 10c each; \$1.00 dozen; \$6.00 hundred.

**SCARLET BEDDER (Salbach).** A glowing scarlet *grandiflora* Prim, that is not too red to cut well with other *primulinus*. Very popular. 25c each; \$2.50 dozen.

**SCARLET PRINCEPS (Kundred).** Also known as "Virginia". An extraordinary distinct and massive spike, with blooms of a rich scarlet, shading deeper in the throat. Massive blooms closely set. Winner of many awards, and one of the highest class florist varieties. 10c each; 75c dozen; \$5.00 hundred.

**SHELL PINK (Kundred).** A very good La France pink shading to a geranium pink on outer edges and a paler throat. A large spike with two rows of wide open flowers. 10c each; \$1.00 dozen.

**THE ORCHID (Sprague).** This is certainly one of the most novel introductions in many years. It looks very like an orchid, and when the tips are made up into a corsage bouquet they are indeed hard to tell from the more expensive flower. It is a lavender pink with a frosted surface and has edges which are beautifully lacinated and ruffled. Splendid grower. Large 25c each; \$2.50 dozen; medium 15c each; \$1.50 dozen.

**SOUVENIR (Gravereau).** An early, pure yellow prim of great merit. Probably the finest bright yellow of the type. 10c each; \$1.00 dozen; \$6.00 hundred.

**VEILCHENBLAU (Pfitzer).** A large flowering violet blue, rather dark. Vigorous grower and greatly popular. Large 50c; medium 30c.

**VIRGINIA**— See "Scarlet Princeps."

**WILLIAM KENT (Diener).** One of the best of the ruffled varieties. Large flowers of shell pink with a golden yellow center. 35c each; \$3.50 dozen.

#### OUR "DOLLAR" MIXTURE

We consider this the finest mixture put out by any dealer. All large bulbs, of excellent varieties. NO TWO ALIKE IN A DOZEN. Will give you a wealth of bloom to cut. This is our most popular seller in glads. \$1.00 per dozen; \$7.00 per hundred.



**OUR "SIX BITS" MIXTURE**

A mighty fine assorted run of large bulbs. Just the thing for that corner of your garden. Very satisfactory as cut flowers.  
75c per dozen; \$4.50 per 100; \$35.00 per 1000.

**OUR FLORISTS' MIXTURE**

Designed for the florist trade, and guaranteed to furnish splendid crops of bloom. These are assorted so some will bloom early and late, in the same planting. \$3.50 per hundred; \$25.00 per 1000.

**OFFER NUMBER D-77 SPECIAL COLLECTION**

Twelve named varieties. Each properly labeled, and no two alike. Blooming size bulbs. OFFER D-77—\$1.00.

**OFFER NUMBER D-78 SPECIAL COLLECTION**

50 choice mixed, of at least 10 varieties, with names. Blooming size bulbs. OFFER D-78—\$3.00

**OFFER NUMBER D-79 SPECIAL COLLECTION**

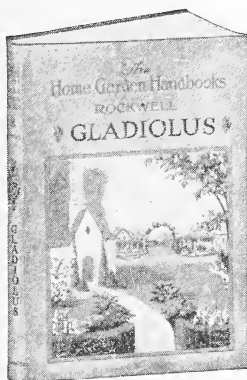
100 Choice mixed, of at least 15 varieties, with names. Blooming sized bulbs. OFFER D-79—\$5.00.

**GLADIOLUS BULBLETS.** If you would like to grow stock for yourself we furnish these for your convenience. WE SELECT THE VARIETIES, but in each 1000 give you a number of varieties of the better sort. We cannot sell than 1000 of this number. OFFER D-80—1000 bulblets \$1.50.

**GLADIOLUS SEED.** Selected from about 250 of the best varieties of all types, in mixture.

**X (ONE X) GLADIOLUS SEED MIXTURE** from the best of the standard varieties. About 200 seed—per packet—50c.

**XX (TWO X) GLADIOLUS SEED MIXTURE** from the choicest new varieties, hand hybridized. About 200 seed—per packet—\$1.00.



**GLADIOLUS**, by F. F. Rockwell. Every gladiolus lover should have this useful guide. It tells how to plant, fertilize, and cultivate; how to grow from seed or bulblets; how to harvest and cure; how to handle for cut flowers; and every other detail needed for success with this popular flower. 45 illustrations, 79 pages. \$1.00.

**THE ROSE IN AMERICA**, by J. Horace McFarland. A complete guide to successful growing, based on Mr. McFarland's own experience and the exchange of ideas with other enthusiasts while acting as editor for the American Rose Society. Contains the newest information on cultivation, pest control, and varieties. 66 illustrations, 233 pages. \$3.00.

**MANUAL OF GARDENING**, by L. H. Bailey. A complete and helpful guide for planting and landscaping the home grounds. Tells how to make the most of natural features; how to drain, cultivate, and fertilize the soil; how to sow, propagate, transplant, prune, and graft the different classes of fruits, vegetables, and flowers. Gives lists of varieties suited for different purposes. 350 illustrations, 539 pages. \$3.00.

# ROSES

We have so many good things to offer you for 1930 that our space in this catalog is not sufficient to list it all. We are forced this year to omit our usual list of Roses, but we have a special list ready to mail to those interested in our fine stock of two year old bushes.

You know that the grade of roses we sell is the highest which can be obtained. They are all field grown California stock, budded or grafted, and practically any standard variety and the best of the novelties can be supplied. Standard varieties sell at about 75c each, and the novelties at \$1.00 to \$2.50 each.

Send a postcard for our Rose List if you are in the market for Roses.

# NEW-RARE FLOWER SEEDS

To most of you Chageda Garden Seeds are familiar. To many of the readers of this catalog they have become Old Friends, tried and true.

Much of the seed we offer in the following pages has been grown by us, with all possible care to preserve the best qualities of each strain. The balance of the varieties of seed offered is grown for us by specialists, most of whom are located nearby, in California, where the wide difference of soils and climates makes it possible to produce almost any flower subject in an excellence of perfection.

We number among our customers more than a thousand Florists, Nurserymen and professional Gardeners. Certainly if we can satisfy these exacting buyers with the quality of our seeds we should more than satisfy the amateur-gardener, which is the aim of this catalog.

Flower seeds are sent prepaid to any point, on retail orders, when the amount of such order is \$1.00 or more.

The letters following the varieties indicate: "A"—An Annual; "P"—a perennial; "B"—a biennial; "C"—a climber; "H"—designates "hardy", and "h" indicates a half-hardy variety.

We will gladly pack special quantities for you, when you require more than the minimum quantity. For instance, a 25c packet would contain three times as much seed as a 10c packet. Attractive price on ounce orders.

**ASTERS—NEW POMPON TYPE**—These are, for the first time, available in separate colors. The past season they were the rage of the San Francisco and Los Angeles cut-flower market, where all offered were quickly sold at fine prices. The long stems make them ideal for cutting, the flower being of a size of the pompon Chrysanthemum. Colors: Rose, Red, Light Blue or Mixed. Packet 50c. Trade Packet \$1.00.

**ASTERS—NEW CALIFORNIA SUNSHINE**. This improvement over the old Anemone Flowered Aster is new this year, and should not be confused with the old 'Sunshine Aster', long popular. The new strain offered now for the first time has very long and rigid stems with numerous flowers of greater size and better form than the old type. Colors: Flesh Pink, Carmine, Violet or Mixed. Packet 50c; Trade Packet \$1.00.

**CALENDULA "RADIO"**. A new introduction from Europe which has been well received here in trials just past. Flower of medium size with petals quilled and then curled and twisted in a most attractive manner. Packet 50c; 1000 seeds \$1.25.

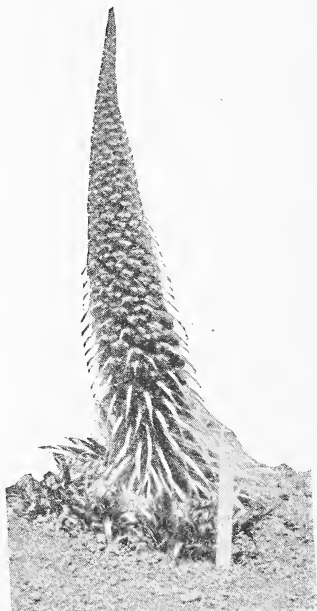
**ESCHSCHOLTZIA "RAMONA"**. A glistening coppery gold California Poppy, with pink shading. Although it is a single flower, it is so heavily frilled that it appears to be semi-double. A remarkable new novelty. Packet 35c; Trade Packet \$1.00.

**ESCHSCHOLTZIA "MAUVE BEAUTY"**. An entirely new color in California Poppies, being pure mauve, without shadings. Packet 25c.

**HELICHRYSUM (HA)**. Silvery Pink Improved. One of the clearest colors we have seen in the Strawflower. Packet 25c.

**SCABIOSA Caucasica (HP)**. Isaac House's Strain of Giant Hybrids. Colors range from white to dark blue, with mauve and lilac predominating. A magnificent strain, suitable for forcing under glass. Packet 50c; Trade Packet \$1.00.

**STOCKS "ANTIQUE COPPER"**. A rich hebeboled variety of the new Bismark Strain, also known as the Double Early Giant Imperial. A tall grower in an odd and attractive shade. 25c.



*ECHIUM (Tower of Jewels)*

**ECHIUM (Tower of Jewels)**. A hardy biennial plant, illustrated above, which grows easily and in poor soil, producing a spike of flowers 4 to 6 feet tall and about a foot in diameter at the base. This native of the Canary Islands is so unusual that it was awarded first prize in the Rare Plant Division at the last San Jose Flower Show. Do not confuse this with *Echium plantagineum* and *E. creticum*, which are annuals, as the species we advertise is a biennial, and of much taller growth. The leaves are silvery white, covered with fine hairs. The bloom spike is literally covered with thousands of small rose pink flowers arranged in spiral rows. Very odd addition to your border planting, which can easily be grown from seed, and will attract countless visitors. Packet 50c; Trade Packet \$1.00

# Standard Varieties of Flower Seeds

**ABRONIA umbellata (HA).** Sand verbena. A trailing succulent plant, easily grown, often used in the rockeries; nine inches. 10c.

**ACHILLEA Ptarmica, "The Pearl" (HP).** Easy culture; valuable double pure white flowers. Bloom all summer. 15c.

**ACROCLINIUM (HA).** Everlastings. Pretty, daisy like flowers can be cut in the bud, dried in a cool place, and used in the winter in wreaths and bouquets. Double White, Double Rose or Double Mixed. 10c.

**AGAPANTHUS umbellatus.** Tender perennial. In cold climates a conservatory plant. In mild climate it is perfectly hardy. Glossy, evergreen, strap leaves, similar to the *Amaryllis*, with long flower spikes bearing a cluster of 30 to 40 small blue flowers. Known as "Lily of the Nile." Easily raised from seed, and one of our specialties. 25c.

**AGATHEA coelestis (Blue Marguerite or Blue Daisy).** Half-hardy perennial. Easily raised and very beautiful sky blue flowers. Like the sun and make an ideal pot plant. Dwarf. 10c.

**AGERATUM (HA).** Flower all season long and one of the most popular garden flowers. Height about 9 inches.

—**BLUE PERFECTION**, good blue. 10c.

—**SNOW WHITE**. 10c.

**AGROSTIS NEBULOSA**, Cloud Grass. Ornamental grass used in dried and fresh bouquets. Annual. 15c.

**ALONSOA warsewiczii compacta (HA).** Easily raised bedding or pot plant with scarlet flowers. 12 inches. 10c.

**ALSTROEMERIA (hHP).** The Peruvian Lily. Clusters of yellow to orange cup shaped flowers on long stems. Fine for cutting and easily grown. 25c.

**ALYSSUM (HA).** Attractive little plants for bedding, boxes, borders, or rockwork; blooming all summer.

—**LITTLE GEM.** Very compact white; 3 to 4 inches. 10c.

—**MARITIMUM.** The sweet scented alyssum; 6 inches. 10c.

—**LILAC QUEEN.** Flowers of pretty lavender color. 9 inches. 10c.

—**COMPACTUM LUTESCENS.** Creamy yellow. 9 inches. 10c.

—**SAXATILE COMPACTUM (HP).** "Gold Dust". 9 inches. 10c.

**AMARANTHUS (HA).** Thrives in poor soil and sunny locations. Curious flowers for bedding or window boxes.

—**TRICOLOR SPLENDENS (Joseph's Coat).** Many colors. 10c.

—**CAUDATUS (Love Lies Bleeding).** Blood red. 3 feet. 10c.

—**ABYSSINICUS.** Six feet tall, with drooping red spikes two feet long. 10c.

**AMARYLLIS.** Seeds saved from choice hybrids. 15 seeds \$1.00; 100 seeds \$4.00.

**AMMOBIUM Alatum (HA)** A white everlasting growing well in sandy soil. Pretty blooms similar to *Helichrysum*. 10c.

**ANCHUSA—Alkanet.**

—**ITALICA, "Dropmore variety" (HP).** Rich, gentian blue flowers all summer long. 4 feet. 15c.

—**CAPENSIS (HA).** Flowers resemble large Forget-me-nots. 10c.

**ANCHUSA "Blue Bird."** A new annual compact indigo blue. Packet 50c.

**ANEMONE (HP) St. Brigid's Strain.** Double and single mixed in a wide variety of colors. 15c.

**ANTIRRHINUM—SNAPDRAGON (hHB).** Grown as perennials in mild climates. Too well known to need description. Thrive in any sort of soil. Spikes are beautiful for cutting and stay fresh a long time.

—**ANTIRRHINUM NANUM GRANDIFLORUM—** (The large flowered, medium tall)

Amber Queen, amber and chamois.

Crimson Queen.

Defiance; orange scarlet.

Gloria; rich rose pink.

Golden Queen; clear yellow.

Pink Perfection; pink, suffused salmon.

Prima Donna, terra cotta pink and white.

Purity; pure white.

Silver Pink; pearly pink self.

Any of the above separate varieties. or mixed.

Packet 10c; ¼ ounce 65c.

—**ANTIRRHINUM MAJUS GRANDIFLORIUM—**

(The large flowered tall; (2 to 3 feet).

Coral Rose.

Golden King.

Harmony; terra cotta orange, shaded rose.

Queen Victoria; pure white.

Rose Queen; soft pink.

Scarlet, or mixed.

Packet 10c; ¼ oz. 50c.

—**ANTIRRHINUM MAXIMUM** — The wonderful new group of Snapdragons, growing from 4 to as much as 6 feet high, and carrying immense spikes of large, and very beautiful flowers. Slightly variable in size and colors.

Apple Blossom; rosy pink, white tube.

Canary Bird; canary yellow.

Copper King; bronzy copper, very fine.

Old Gold.

Snowflake; pure white.

The Rose, begonia rose; or mixed.

Packet 25c; ½ oz. 75c.

**AQUILEGIA or Columbine (HP).** One of the most desirable and popular of the border perennials, free blooming, and often blooming the first season from seed.

—**CHRYSANTHA;** yellow; tall grower; long spurred. 15c.

—**COERULEA;** Rock Mountain Blue Columbine; long spurred. 15c.

—**LONG SPURRED BLUE HYBRIDS.** Improved types. 25c.

—**LONG SPURRED PINK HYBRIDS.** Improved types. 25c.

—**LONG SPURRED HYBRIDS, MIXED.** 25c.

—**MRS. SCOTT ELLIOTT STRAIN.** Long spurred hybrids, mixed. 25c.

**AQUILEGIA HYBRIDS (HP).** Orange and Scarlet Shades, Columbine in these color ranges are new and very attractive. 50c.

**ARCTOTIS GRANDIS (HA).** The very popular "African Daisy," the flowers of which are pure white on top, the reverse of the petals being pale lilac-blue. Free bloomer; cut flowers keep well and easily raised. 10c packet; ¼ oz. 25c.

**ARGEMONE (hHA).** Mexican Poppy. Pale green, spiny foliage producing a quantity of satiny, poppy-like flowers from creamy white to rich yellow shades. Constant bloomer. 3 ft. 10c.

**ARMERIA FORMOSA (HP).** The "Thrift Sea Pink." Splendid border plant, with clover like rose pink blooms, splendid for borders. 9 inches. 15c.

**AUSTRALIAN PEA VINE (hHP).** *Dolichos* lignosis. A rapid growing evergreen climber very popular in California and mild climates. Clusters of pink pea-shaped flowers cover the plant all season. Fine for arbors, trellises, or covering unsightly fences. Packet 10c. Ounce \$1.00.

**ASTER PERENNIAL.** Michaelmas Daisy (HP). Splendid Autumn flowering plant. An improved strain. 4 feet. Splendid. Mixed. 15c.

**ASTERS (HA).** If the seed is sown in the open ground in May the plants will be in full bloom in September and October. For July and August flowers sow in cold frame in March or April.

—**GIANT CREGO ASTERS.**

The Crego is probably the largest of all the Asters, the petals being exceedingly long and wavy and the flowers borne on stems some fifteen inches in length. It is a monster among Asters. A real treat awaits anyone who plants this variety.

Crego Deep Rose.

Crego Purple.

Crego Lavender.

Crego Shell Pink.

Crego Crimson.

Crego White.

Crego Mixed.

Per pkt. 10c;  $\frac{1}{4}$  oz. 45c.

—**CALIFORNIA GIANT ASTERS.**

A new family of asters produced by California seed grower and specialist in asters. They combine the robust habit of growth and length of stem that characterizes the Beauty type and the Crego or Ostrich Feather type of flower. A true non-lateral type.

California Giants Peach Blossom.

California Giants Light Blue.

California Giants Deep Rose.

California Giants White.

California Giants Dark Purple.

California Giants Mixed.

15c packet;  $\frac{1}{4}$  oz. 75c.

—**AMERICAN BEAUTY ASTERS**

Similar in type of flower and growth to the well known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems. Some of the individual stems measure more than two feet in length. It makes a very heavy growth, and is one of the latest flowering Asters that we know. This should be in every garden.

Mixed—15c Packet;  $\frac{1}{4}$  oz. 65c.

—**HEART OF FRANCE ASTER.** A glowing, deep ruby red. Tall growing and of branching type. Splendid. 15c packet;  $\frac{1}{4}$  oz. 75c.

—**SINGLE ASTERS.** Choice cut flowers with long stems. Mixed colors. Packet 15c;  $\frac{1}{4}$  oz. 75c.

**BACHELOR BUTTON**—See *Centaurea Cyanus*.

**BALLOON VINE (hHC).** White flowers, followed by a balloon-like green pod. Rapid grower. 15 feet. 10c.

**BALSAM (HA).** Lady's Slipper. An old fashioned favorite liking sun and rich soil, but easily grown and quite showy. 10c.

**BARTONIA AUREA (HA).** Easily grown annual with bright yellow flowers about 3 inches across. Very showy. 2 ft. 10c.

**BEGONIA, Bedding Variety (hHA).** This mixture is made up of the finest of the *Semperflorens* type. Very showy and easily grown. Mixed colors. Packet 25c;  $\frac{1}{64}$  oz. \$1.75.

**BEGONIA, Tuberous Rooted (TP).** Produces magnificent flowers in both beds and pots. Brilliant color range. Single Mixed, or Double Mixed. Packet 50c.

**BELLIS PERENNIS (HP).** Double English Daisy. Popular spring flowering perennial used with Pansies. Pink, red, white or mixed colors. 10c.

**BEANS—SCARLET RUNNER (HC).** Rapid climber with beautiful scarlet bloom. Very attractive. 10c packet; 1 oz. 25c.

**BROWALLIA (HA).** A fine bedding plant. Blooms profusely. The flowers are bright ultra-marine blue, and also sky-blue with white center. Mixed pkt., 10c.

**CALENDULA (HA).** Cape Marigold. Free and continuous flowering plants, of easy culture, and greatly valued for cutting.

—**ORANGE KING;** dark orange with dark center; 10c packet; 40c oz.

—**LEMON QUEEN;** Sunflower yellow; packet 10c; 30c oz.

—**THE BALL;** deep orange, with lighter center. The florist strain, and very double. Packet 25c;  $\frac{1}{4}$  oz. 40c.

—**PICOTEE,** Cream ground, striped orange. 10c.

**CALENDULA "SENSATION",** or "Campfire". Producing a splendid flower with a long stem and with a flat, rather than round bloom. The color is clear orange with a gloden center and the tremendous size has made an exceptionally fine cut flower available for the florists. Packet 50c; 1000 seeds 90c.

**CALIFORNIA NATIVE FLOWERS.** A splendid mixture containing many natives with brilliant colorings. 10c.

**CALLIOPSIS (HA).** Nothing in the garden attracts more attention than these free blooming flowers. Easily grown.

—**TALL CALLIOPSIS BICOLOR MIXED;** packet 10c.

—**DWARF CALLIOPSIS GOLDEN WAVE.** Golden yellow. 10c.

—**DWARF RADIATA TIGRINA.** Tiger Star Calliopsis. 10c.

—**DWARF CALLIOPSIS, MIXED.** 10c.

**CAMPANULA (HB).** Canterbury Bells. Good border plants, with handsome bell shaped blooms. 2 feet. Pink, blue or mixed. 10c.

**CAMPANULA CALYCANTHEMA** (Cup and Saucer). The bells have the same color as the calyx of flower, resembling a cup and saucer. Blue, pink, white or mixed. 15c.

**CANDYTUFT (HA).** Very showy annuals used in bedding and as cut flowers. 12 inches.

—**GIANT HYACINTH FLOWERED.** Extra select white (18 inches); 10c.

—**UMBELLATA.** Beautiful clusters of colored flowers. Crimson, Lavender, White, Rose, Flesh, Lilac or Mixed. 10c.

**CANNAS (HP).** Easily raised from seed giving attractive variations in colors. Soak seed in hot water 24 hours before planting. Packet 10c;  $\frac{1}{4}$  oz. 25c.

**CARNATION Marguerite (hHP).** Perpetual blooming producing a fair percentage of doubles six months after sowing. Mixed 10c.

**CARNATION CHABAUD'S GIANT IMPROVED (hHP).** These should not be confused with the old Chabaud type, as they are vastly superior. Bloom six months after sowing, giving 10 to 20 stalks, carrying huge flowers, about 90% of which are double. Salmon rose, Rose, White, Yellow, Crimson or Mixed. 15c packet; 1000 seeds 75c.

**CELOSIA (hHA).** Splendid for large beds, or groups. Flowers can be dried for winter bouquets. 3 feet.

—**CHILDSII** (Chinese Woolflower). Yellow and red, mixed. 10c.

—**PLUMOSA** (Ostrich Plume). Yellow, red or mixed, very select strain. 15c.

—**CRISTATA** (Coxcomb). Dwarf mixed. 10c.

**CENTAUREA CYANUS (HA).** Also known as Bachelor Button, Cornflower, Blue Bottle and Ragged Sailor. Grows in any kind of soil and very attractive as a cut flower. We have an excellent strain. Double Blue, Double Pink, Double White or Double Mixed. 10c.

**CENTAUREA IMPERIALIS (hHA).** Sweet Sultan. One of the best of cut flowers. Amaranth Red, rose, lavender, purple, white or mixed. 10c.

**CHEIRANTHUS ALLIONI (hHP).** Alpine Wall-flower. Brilliant orange flowers, excellent for borders. 10c.

**CHELONE Barbata (HP).** Shell Flower. Long spikes closely set with rich coral red flowers. 18 inches. 15c.

- CHRYSANthemum.** Annual sorts mixed, giving a splendid range of colors invaluable for the summer garden. Mixed double. 10c.
- CINERARIA (hHP).** One of the most gorgeous colored flowering plants, usually used in pots.
- SEMI-DWARF HYBRIDS, mixed; packet 50c.
- DWARF HYBRIDS, mixed; packet 35c.
- TALL HYBRIDS, mixed; packet 25c.
- STELLATA, New Hybrids, mixed; packet 25c.
- CLARKIA (HA).** A splendid annual which has been much improved in recent years. Grows in sun or shade. Double Salmon, Scarlet, Pink or Mixed. 10c.
- COIX LACHRYMAE (HA).** Job's Tears. Grown for the unusual and attractive seeds, which are about the size of a small bean, and are strung into necklaces in many countries. 10c.
- CONVOLVULUS (HAC).** Morning Glories. Most rapid growing plants in cultivation, free flowering and very useful.
- MAJOR. Rapid climbers to 30 feet. Mixed colors. 10c.
- MINOR. The bush Morning Glory. 12 inches. Mixed colors. 10c.
- COREOPSIS LANCEOLATA (HP).** We have an improved strain in the single variety which is very good.
- GRANDIFLORA. Single yellow flowers. 10c.
- FLORA PLENA. Double; new. About 60% of the flowers come double. Very attractive. 25c.
- COSMOS (HA).** Probably the most useful of the late garden flowers, blooming until frost. 5 to 7 feet.
- EARLY GIANT SINGLE; mixed; 10c.
- EARLY CRESTED. Large percentage of doubles. Mixed 25c.
- LATE GIANT SINGLE, mixed. 10c.
- LATE CRESTED. Large percentage of doubles. Mixed 15c.
- CYCLAMEN (GP).** Among the choicest of the conservatory grown plants. Sow seeds early.
- Persicum Giganteum (English Type) Mixed. 50c.
- Persicum Giganteum (German Type) Mixed.. 50c.
- CYNOGLOSSUM AMABILE (HA).** The Chinese Forget-me-not. One of the best in the newer introductions. A rich, blue, sweet-scented cluster of flowers, very beautiful, and fine for cutting. 18 in. Packet 25c. ¼ oz. \$1.00.
- DAHLIA (hHP)** See first pages for Seeds and Tubers.
- DAISY-SHASTA (HP).** Chrysanthemum Leucanthemum. Shasta Daisy Alaska. A splendid variety with purest glistening white flowers, about 5 inches across, and with broad, overlapping petals. On long, stiff stems, and fine for cutting. Packet 10c; ¼ oz. 40c.
- DELPHINIUM (HP).** Perennial Larkspur. These are hardy and can be grown in any garden. The vast improvement in the strains have made it a splendid florists' flower, and exceedingly popular with both the gardener and the cut flower buyer. Our customers tell us that it is their most profitable crop except Gladiolus. Special attention is called to the fact that we offer only the best strains. Seeds of the "Vanderbilt Hybrid Strain" are grown for us under contract, in Major Vanderbilt's own garden which is nearby. Seeds of the Wrexham strain are grown from plants which in turn were grown from seed obtained directly from Samuel Watkin, of Wales, the originator of this race of Delphinium. The Chagada Strain is grown in our own field, and is our selection of the best strains obtainable from all sources. Delphinium seed loses its vitality rapidly. It should be planted as soon as received, in small, shallow boxes of fine earth. We advise planting in rows and merely covering the seed with peat moss and sand mixed, or very fine soil. Keep ground moist until the plants appear. Transplant when they show the first pair of rough leaves, and plant out in the garden after danger of frost is over, spacing them 2 feet apart in the rows, and the rows about 3 feet apart.
- WREXHAM HOLLYHOCK TYPE DELPHINIUM. Some of the spikes have 30 to 40 inches of flowers, each of exceptional size, resembling a bloom of the Hollyhock. Colors are very good, and flowers are both single and double. These plants are very hardy and tall growers. We consider our strain to be the best obtainable, and have to charge accordingly for it. Packet 50c; Large packet \$1.00.
- VANDERBILT HYBRID DELPHINIUM. Not so tall as the "Wrexham" strain, but more adaptable for cutting and with far more refinement of color and grace of placement of the flowers on the spike. The foliage is practically mildew proof and a large percentage of the flowers are double or semi-double. This is a pure-bred strain originated in a cross made by Major Vanderbilt many years ago, using a hybrid Delphinium developed by Luther Burbank X a native California species, which gave the strain its vigor. Packet of the regular strain 50c; Packet of seeds saved from double flowers only \$1.00.
- CHAGADA HYBRID DELPHINIUM. Our selection of what we feel the amateur gardener wants in select flowers. The best of many strains both in this country and abroad have gone to make up this selection. Packet 50c.
- DELPHINIUM HYBRIDS PASTEL SHADES. Attractive shadings for the florist trade. Packet 25c; ¼ oz. \$1.00; ¼ oz. \$1.60; ½ oz. \$3.00.
- DIANTHUS (hHA).** Chinese Pinks. While these are biennials, they bloom the first season from seed, and should be treated as annuals. Excellent for beds or edgings, flowering profusely, and in a great variety of colors. 12 in.
- HEDDEWIGI—The large single China Pink, most used. Packet 10c; ¼ oz. 50c.
- HEDDEWIGI FL. PL.—(Japanese Pinks). The double variety, with exquisite colorings. Finest mixed. Packet 10c; ¼ oz. 50c.
- IDIDISCH COERULEUS (HA).** The Blue Lace Flower. An attractive annual with lavender blue flowers, blooming from July until frost, and quite useful for cutting. 18 inches. Packet 15c. ½ oz. 50c.
- DIGITALIS (HP).** Foxglove. Producing long spikes of tubular flowers, and used extensively in shrubbery. Can be grown in half-shady places. We have a good strain. Packet 10c; ¼ oz. 50c.
- DIMORPOTHECA (HA).** The African Golden Daisy. A rich orange blossom with a dark disc, surrounded by a black zone. Very pretty. Packet 10c; ¼ oz. 50c.
- DOLICHOS or HYACINTH BEAN (HAC).** Annual climbers, growing about 10 feet, with attractive blooms in purple and white. Mixed. pkt. 10c; one oz. 40c.
- ECHINOPS (HP).** Globe Thistle. Fine for borders and for cutting. Ball shaped blooms can be dried for winter use and make an attractive display.
- Ritro. 3-4 feet with steel blue heads. 10c.
- Sphaerocephalus. 4 ft. Gray-white heads. 10c.
- ERYNGIUM (Amethystinum) (HP).** A specially selected strain. Thistle-like flowers of an amethyst blue carried on exceptionally long stems. Can be dried for florist use. Packet 25c.
- ESCHSCHOLTZIA or CALIFORNIA POPPY (HA).** Exceptionally attractive annuals for beds, borders or mass growing. Flowering constantly from June until frost. Lace-like foliage. If you want to beautify any old corner, broadcast some seeds of Eschscholtzia. Our strains are very fine, and visitors at our test gardens generally order a liberal quantity. 12 inches to 18 inches.
- AURANTIACA—True California Poppy. Golden Packet 10c; ¼ oz. 30c.
- ALBA—Pure white, packet 10c; ¼ oz. 30c.
- CRIMSON CARMINE—New. Brilliant color. Packet 15c; ¼ oz. 50c.
- TANGO—Bronzy red, overlaid terracotta. New. Packet 15c; ¼ oz. 50c.
- BALLEET GIRL—Inside of petals light cream, with reverse of intense carmine. New. Packet 15c; ¼ oz. 50c.
- THE GEISHA—Inside of petals brilliant gold and reverse orange-crimson. Petals are attractively fluted. New. Packet 15c; ¼ oz. 50c.
- ESCHSCHOLTZIA MIXED. All the above shades. Packet 10c; ¼ oz. 40c.

- FORGET-ME-NOT. See Myosotis.
- FOUR O'CLOCKS. See Marvel of Peru.
- GAILLARDIA (HP). Often grown as annuals, and usually blooming the first season from seed. Very showy flowers, excellent for cutting.
- PORTOLA HYBRIDS. Shades of bronzy red, golden tipped. Large flowers and very robust. Mixed colors; packet 25c.
- GRANDIFLORA DAZZLER. Golden yellow and maroon red. New. Very choice. Packet 25c.
- TRAILING. New. Grows to 5 feet with large blooms. 25c.
- GRANDIFLORA SUPERBA. Choice mixed. Packet 10c; 1/4 oz. \$1.00.
- GERANIUM. Lady Washington. Choice mixture of new hybrids. 15 seeds \$1.00.
- GERBERA (hHP). The Transvaal Daisy. Large, daisy-like blossoms of crimson, pink, rose, lilac, and white shades. Excellent for cut flowers, having long flower stems. Start carefully in a sandy, well drained soil. Useful as a pot plant.
- JAMESONI HYBRIDS. Most select strain. Pkt. 50c; 100 seeds \$1.00.
- GEUM (HP). A favorite hardy perennial which produces excellent flowers for cutting, with long stems, and keeping well.
- MRS. BRADSHAW. Large, bright orange-scarlet and red double blooms. Packet 15c.
- LADY STRATHEDEN. A striking double yellow variety. Large. Packet, 25c.
- GILIA (HA). A California native flower, very useful in mixing in bouquets. Lavender and blue shades. Sow seeds in Fall in open ground. Mixed. Packet 10c; 1/4 oz. 25c.
- GLADIOLUS SEED—See listing following Gladiolus Bulbs.
- GODETIA (HA). A quick growing, bushy annual, excellent for beds or borders and giving abundant bloom for cutting. Our strain is all double flowered, making splendid material for cutting. 18 inches. Double Mauve, double Crimson, double Carmine or double Mixed. Packet 10c; 1/4 oz. 35c.
- GOMPHRENA (HA). Globe-Amaranth. Clover-like blooms on good stems. Attractive in the garden and very satisfactory to dry for winter use. White, Crimson, Orange or Mixed. 10c; 1/4 oz. 25c.
- GYPSOPHILA. Babys Breath. Used as a filler in bouquets. Small flowers are carried in delicate sprays. 2 feet.
- ELEGANS ALBA (HA). Pure white, improved. 10c; 1/2 oz. 20c.
- ELEGANS CARMINEA (HA). Carmine rose. 10c; 1/2 oz. 20c.
- PANICULATA (HP). One of the finest for cutting. Single, pure white flowers. 10c; 1/4 oz. 50c.
- PANICULATA FL. PL. (HP). A double flowering variety, pure white. Majority of double blooms develop in the second year of growth. Packet 25c.
- HELIANTHUS—See Sunflower.
- HELICHRYSUM (HA). The popular Strawflower, and the best everlasting for drying. Grow 4 to 5 feet high and give constant blooms of a shiny, strawlike texture. Double Golden Ball; Double Canary Yellow Ball; Double Fireball; Double Salmon Queen; Double Silver Ball; Double Violet Ball or Double Mixed. Packet 10c; 1/4 oz. 35c; 1/2 oz. \$1.00.
- HEUCHERA SANGUINEA (HP). Coral Bells. Fine for borders, with long spikes of coral red flowers. 18 in. Packet 25c.
- HOLLYHOCKS (HP). The stately plant required to make the background of your garden perfect. Easily raised from seed, often blooming the first season. Spray several times in the Spring with Bordeaux mixture, to prevent rust. Our strain is very good in the doubles. 6 to 8 feet.
- Double Rose; Double Red; Double Maroon; Double White; Double Pink; Double Carmine or Double Mixed. 10c.
- SINGLE HOLLYHOCK MIXED. Packet 10c; 1/4 oz. 50c.
- HONESTY—See Lunaria.
- HUNNEBANIA FUMARIAEFOLIA (HA). Giant Yellow Tulip Poppy or Bush Eschscholtzia. Flowers are tulip shape, and pure golden yellow. Will last a week when cut, and placed in water. 2 feet. 10c; 1/4 oz. 30c.
- IBERIS (HP) Perennial Candytuft. Favorite for rockwork and edging. Blooms freely and during long period. Bluish-white flower heads. 15c.
- IPOMOEA (HAC). Morning Glory and Moonflower. Rapidly climbing to 20 feet or more, with beautiful and fragrant flowers, some opening in the evening. Soak seeds in water for 12 hours before planting.
- COCCINEA. Brilliant scarlet flowers, with small foliage. 10c.
- GRANDIFLORA ALBA. The fragrant white moonflower. 10c.
- HEAVENLY BLUE. Sky blue flowers, very attractive. 10c.
- KENILWORTH IVY (HP). Neat, hardy climber for walls or rocks. 6 feet. 15c.
- KOCHIA (HA). Summer Cypress, or Mexican Firebush. Grows in a dense oval bush, very shapely, 2 to 4 feet high, with small, feathery foliage of light green, changing to fiery red in the fall. Packet 10c; one oz. 25c.
- LARKSPUR (HA). Familiar to all, and one of the most graceful flowers in cultivation. Splendid strains. 2 to 3 feet.
- Dark Blue; Light Blue; Lustrous Carmine; Lilac; Pure White or Mixed. Packet 15c; 1/4 oz. 30c.
- LATHYRUS LATIFOLIUS (HP). Everlasting Pea or Perennial Sweet Pea. Hardy climbers, growing about 6 feet, which should be more frequently grown. Fine for cutting. White, Pink, Red or Mixed. Packet 15c; 1/4 oz. 30c.
- LAVATERA SPLENDENS ROSEA (HA). Pink Mallow. Easily raised annual with flowers resembling the Hollyhock. 2 to 3 feet. 10c.
- LEPTOSYNE maritima (HA). Large lemon-yellow Marguerite like flowers on long stems. Fine for cutting. 15c.
- LILIUM REGALE. Easily raised from seed, producing blooming sized bulb the second season. Start seeds in good soil, sow thickly, and barely cover the seed with fine sand. Germination will take from one to three or even four weeks. Many gardeners are making a considerable sum raising these, as the bulbs are readily marketed, and the flowers are always in demand. The Bureau of Plant Industry, Department of Agriculture, Washington, D. C., will send you a copy free of their Bulletin No. 1459 and circular 23-C, giving detailed information on raising Regale Lily from seed. Packet 25c; 1/4 oz. 5c; one oz. (about 4000 seeds) \$2.00.
- LINUM (HA). Scarlet Flax. A plant with dainty foliage and brilliant scarlet flowers. This is a large flowering strain, and makes an exceptionally attractive bed. 10c. 1/4 oz. 25c.
- LOBELIA (hHA). Crystal Palace. Undoubtedly the finest blue Lobelia for bedding, being very compact growers, literally covered with blue flowers. 10c; 1/4 oz. \$1.00.
- LUPINUS. The Lupines are one of the most valuable of our garden flowers, giving long spikes of very attractive bloom. Easily raised, and growing in the poorest soil. 2 to 3 feet.
- HARTWEGII (HA). White, dark blue, rose, sky-blue or mixed; packet 10c; 1/4 oz. 30c; 1/2 oz. 50c.
- POLYPHYLLUS (HP). White, rose, blue or mixed; 10c; 1/4 oz. 35c.
- LUNARIA BIENNIS (HB). Honesty. An interesting plant which is cultivated for its seed pods, which are about the size of a quarter, round and transparent, showing the seeds within. Dried and used in winter bouquets. Packet 15c; 1/4 oz. 50c.
- MARIGOLD (HA). A very necessary flower in any garden, and so widely known as to need no description.
- TALL AFRICAN ORANGE DOUBLE BALL. Choice strain. Packet 10c; 1/4 oz. 50c.
- TALL AFRICAN LEMON DOUBLE BALL. Clear Lemon. 10c; 1/4 oz. 50c.
- TALL AFRICAN DOUBLE BALL, MIXED. 10c; 1/4 oz. 25c.
- FRENCH DWARF DOUBLE GOLDEN BALL. 10c; 1/2 oz. 50c.

- FRENCH DWARF LEGION OF HONOR. Single brown. 10c.  $\frac{1}{2}$  oz. 50c.
- FRENCH DWARF MIXED. 10c;  $\frac{1}{2}$  oz. 25c.
- FRENCH TALL MIXED. Small flowers, brown and striped attractively. Packet 10c;  $\frac{1}{2}$  oz. 40c.

**MARVEL OF PERU (HA).** *Mirabilis* or Four-o'Clocks. This is really a half-hardy perennial, blooming the first season from seed, and producing tubers similar to a dahlia, which can be stored and planted again the next season. Handsome, small flowers on strong bushes growing about 2 feet. Colors mostly crimson, white, yellow and violet in mixture. We have a very fine strain. Packet 10c. One ounce 25c.

**MATRICARIA (hHP).** Feverfew. Low growing plants for beds or edgings, with button-like flowers. Good for cutting.

—**CAPENSIS ALBA.** Double white. 10c.  $\frac{1}{4}$  oz. 50c.

—**EXIMA NANA FL. PL.** Golden Ball. Very choice and rare. Packet 25c;  $\frac{1}{4}$  oz. \$1.00.

**MATTIOLA BICORNIS (hHA).** Evening scented stock. Purple flowers, used often for borders 12 in. Packet 10c.

**MIGNONETTE (HA).** The sweet scented annual of Grandmother's Garden, and still one of the most popular. Can be sown any time, and flowers almost constantly. 12 inches.

—**GOLDEN QUEEN.** Compact bedder, yellow. 10c.

—**GOLIATH RED.** Very large spikes. 10c.

—**MACHET MIXED.** Dwarf compact variety, with large stubby spikes covered with copper-red flowers. 10c;  $\frac{1}{4}$  oz. 25c.

—**RESEDA ODORATA.** Mixed. The best known, and the sweet scented variety in common use. 10c;  $\frac{1}{2}$  oz. 25c.

**MIMULUS (hHA).** (*Tigrinus*, commonly called the "Monkey Flower"). Dwarf, bushy growing annual liking shady, moist places, blooming freely, with Gloxiana-like flowers, yellow to crimson. 1 ft. 10c.

**MIRABILIS**—See Marvel of Peru.

**MOMORDICA (HAC).** Curious and interesting annual climbers with attractive foliage and fruit.

—**BALSAMINA** (Balsam Apple). Orange fruit. 10c.

—**CHARANTIA** (Balsam Pear). Scarlet fruit. 10c.

**MOONFLOWERS.** See *Ipomoea grandiflora*.

**MORNING GLORIES**—See *Convolvulus* and *Ipomoea*.

**MYOSOTIS, or FORGET-ME-NOTS, (hHP).** Fine for beds and edgings, and very popular. Blue, pink, white, or mixed. Packet 10c;  $\frac{1}{4}$  oz. 50c.

**NASTURTIUM (HA).** (*Tropaeolum Naum*). Dwarf varieties, which have a compact, bushy growth, attractive foliage, and are so popular in bedding. Bloom 8 weeks after sowing seed, and continue through the summer. 12 inches.

—**AURORA.** Yellow veined.

—**BEAUTY.** Yellow and scarlet.

—**CLOTH OF GOLD.** Red, gold leaves.

—**EMPRESS OF INDIA.** Brown-red, dark leaves. Very good.

—**IVY LEAF MIXED.** Lacinated.

—**KING THEODORE.** Purple-garnet; dark leaves.

—**KING OF TOM THUMBS.** Bright scarlet; dark leaves.

—**YELLOW (Luteum).**

—**FINEST DWARF MIXED.**

Any of the above—Packet 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 60c.

**NASTURTIUM (HAC).** (*Tropaeolum majus*). The tall, or climbing varieties, adapted for rockwork, trellises and fences. Seeds of this variety are often pickled with other preserves.

—**JUPITER.** Golden yellow, large flowered.

—**KING THEODORE or BLACK PRINCE.** Purple garnet; dark leaves.

—**REGELIANUM.** Purplish crimson.

—**SCARLET or SPITFIRE.** Rosy scarlet.

—**TWILIGHT.** Delicate Salmon.

—**CHOICE TALL MIXED.**

Any of the above—Packet 10c; 1 ounce 25c.  $\frac{1}{4}$  lb. 60c.

**NEMESIA (HA).** Bushy plants with flowers of unique form, splendid for bedding. Large flowering mixed. Packet 25c;  $\frac{1}{16}$  oz. \$1.00.

**NEMOPHILA (HA).** (Baby Blue Eyes). Sky blue, with white eyes. A hardy California annual which is valuable for carpeting or borders. 6 in. Packet 10c;  $\frac{1}{2}$  oz. 25c.

**NICOTIANA (HA).** Flowering Tobacco. The evening fragrance makes this plant very popular. Slender stems bearing slender tubular flowers in profusion. 2 to 3 feet.

—**AFFINIS HYBRIDS.** Mixed shades. 10c.  $\frac{1}{4}$  oz. 50c.

—**SANDERAE HYBRIDS.** New, large flowering, of various shades. 10c;  $\frac{1}{8}$  oz. 30c.

**NIGELLA (HA).** Love-in-a-mist. A beautiful border plant with finely cut foliage, odd blooms, and curious seed pods. Easy culture. 18 inches.

—**MISS JEKYLL**—Cornflower blue blossoms, 10c;  $\frac{1}{4}$  oz. 35c.

—**CHOICE MIXED.** White, blue and purple. 10c.  $\frac{1}{4}$  oz. 25c.

**OENOTHERA (HA).** Evening scented Primrose. Tall growing plant, 3 feet, useful for exposed, sunny positions, but will grow in half-shade. Large yellow flowers which expand in the evening. Sweet scented. Packet 10c;  $\frac{1}{4}$  oz. 25c.

**PANSY (hHP).** Most popular flower grown, thriving in cool, moist and well drained positions. Sow the seeds in April and May for summer flowering, and in August for early Spring bloom. We have splendid strains, as visitors to our gardens observed, last season.

—**GIANT TRIMARDEAU.** Large flowers in a variety of colors. Mixed. Packet 15c;  $\frac{1}{4}$  oz. \$1.00.

—**CHAGEDA GARDENS MIXTURE.** The best of the colors from leading strains. Large size, and very attractive. Packet 50c;  $\frac{1}{16}$  oz. \$1.25.

—**CHAGEDA GARDENS SPECIAL MIXTURE.** A hand-blended mixture, with an equal proportion of separate colors in the Giant Stocks, both of the United States and of Europe. Packet \$1.00;  $\frac{1}{16}$  oz. \$3.00.

—**MASTERPIECE MIXTURE.** Masterpiece Pansies are not only remarkable for size and beauty of coloring, but are also frilled, each petal being waved or curled so that the flower appears full, giving it the name of "Double Pansies". Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

**PANSY-TUFTED**—See *Viola Cornuta*.

**PAPAYER**—See Poppies.

**PENTSTEMON (HP).** A perennial which is usually treated as an annual; seed sown in March flowers from July until frost. The new hybrids are a great development over the old types. 2 to 3 feet.

—**GLOXINIODES "SENSATION".** A grand variety of colors, with flowers, about 2 inches across, borne on long stems. Mixed. Packet 25c;  $\frac{1}{8}$  oz. \$1.25.

**PERILLA NANKINENSIS (HA).** Grown for the attractive foliage which is blood red, sometimes striped with green. Used as a bedding plant, and for borders. 10c;  $\frac{1}{4}$  oz. 25c.

**PETUNIA (HA).** One of the free flowering garden annuals which will grow in almost any kind of soil and location. A development in the quality of the strains has been so rapid that the Petunia has become a splendid pot plant with many of the highest class florists.

—**BURBANK'S BLUE PETUNIA.** The nearest to blue we have seen in the Petunia, most of them being Royal Purple. Velvety blooms, delicately veined, with a delightful fragrance which permeates the whole garden. Plants in full bloom cover a space of 2 to 3 feet in diameter, and are quite bushy, and literally covered with flowers. As a bedding plant is has exceptional value. During 1928 we supplied plants of this variety for the Luther Burbank Memorial Park, in San Leandro, and when in full bloom, the bed, which was ten feet wide and 100 feet long, was a sea of blue, attracting thousands of people. Packet 25c;  $\frac{1}{64}$  ounce \$1.00.

- HOWARD'S STAR, IMPROVED. Large velvety purple with a white star. Makes a very striking bed or border. The white star is formed by white stripes through the center of each of the purple petals. 15c;  $\frac{1}{4}$  oz. 50c.
- HYBRIDA PENDULA. The famous Balcony Petunias used largely in vases and porch boxes. BALCONY BLUE, BALCONY PINK, BALCONY WHITE, or BALCONY MIXED; packet 20c.
- ROSY MORN. A splendid single pink used for bedding; prolific bloomer; dwarf grower. Packet 25c.
- PROLIFIC PURPLE. A new bedding variety of rich, royal purple with blooms 3 to 4 inches in great profusion. A true strain of our own growing. Packet 25c.
- PINK RUFFLED MONSTER. Flowers 6 to 8 inches in diameter with strongly veined centers. Glorious color combinations, and a very popular number. Packet 50c.
- RED RUFFLED MONSTER. Flowers 6 to 8 inches diameter with coal black center. A fine clear color, and a splendid bloomer. Packet 50c.
- MAUVE RUFFLED MONSTER—Flowers 6 to 8 inches diameter heavily veined with royal purple. Packet 50c.
- RUFFLED MONSTERS MIXED. Flowers 6 to 8 inches diameter in a wide range of colors. Packet 50c.
- DOUBLE RUFFLED MONSTERS MIXED. Flowers are almost as large as the single Monsters. About 20% to 30% will come double. Packet \$1.00.
- GIANTS OF CALIFORNIA. All single petunias of great size. Packet 35c.
- PHLOX DRUMONDI GRANDIFLORA (HA). Improved, large flowering strain in a splendid range of colors. Grows well in any kind of soil, and is deservedly popular. Seeds may be sown in the open ground. 12 in. Mixed colors; packet 15c;  $\frac{1}{4}$  oz. 60c.
- PHLOX—Large Flowering Dwarf; mixed; 6 in. Packet 15c.
- PHLOX—Star and Fringed Mixed; with a great quantity of star shaped blooms which are very charming. Packet 15c;  $\frac{1}{4}$  oz. 50c.
- PHYSALIS FRANCHETI (HB). Chinese Lantern Plant. Really a profitable crop for the amateur gardener. The plant, growing about 2 feet high, flowers early in the season, and then bears long sprays of fruit, in the form of hanging pods, which color to a scarlet orange as the season advances. These sprays are cut, dried, and stored for winter use. They are readily salable, and seen in almost every florist's display case. Easily grown. Packet 15c;  $\frac{1}{4}$  oz. 50c.
- PINKS—See Dianthus.
- PORTULACA (HA). Sun plant or Rose Moss. A low bedding plant about 6 inches in height with foliage having a mossy effect. Will grow in dry and sunny locations. Glossy, cup-shaped blooms in brilliant colors.
- SINGLE PORTULACA, MIXED; packet 10c.
- DOUBLE PORTULACA; MIXED; packet 15c.
- POPPIES. Very showy plants suitable for bedding and borders. Too well known to need description.
- POPPY SHIRLEY (HA). Select mixed strain valuable for garden and for cutting. Single Flowering. Packet 10c;  $\frac{1}{4}$  oz. 35c.
- POPPY SHIRLEY "AMERICAN LEGION". The brilliant orange-scarlet variety, with yellow antlers, so popular on "Poppy Day". Very select strain. Packet 10c;  $\frac{1}{4}$  oz. 35c.
- POPPY ELDORADO MIXED (HA). The double type of the Shirley Poppy. Packet 10c;  $\frac{1}{4}$  oz. 35c.
- POPPY TALL CARNATION FLOWERED. (HA). Very double and well fringed. 4 ft. Packet 10c;  $\frac{1}{4}$  oz. 35c.
- POPPY ICELAND NUDICALE AURANTIACUM (HP). Bloom the first year from seed. Brilliant orange. Packet 15c.
- POPPY ICELAND NUDICALE HYBRIDS (HP). Mixed colors. Packet 15c.
- POPPY ORIENTAL (HP). The well-known orange-scarlet. Packet 10c.
- POPPY ORIENTAL HYBRIDS (HP). Finest shades. Packet 10c.
- PRIMULA MALACOIDES (HHP). An improved variety of Baby Primrose, and very free flowering. Used for outdoor planting in mild climates, and much used as a pot plant. Lilac and lavender shades. Mixed 25c.
- PYRETHRUM (hHP). Easily grown perennials, used for borders and edging.
- GOLDEN FEATHER. Compact growth, with golden foliage. 10c.
- ROSEUM. Single mixed. Daisy-like flowers. 2 ft. Packet 15c.
- ROSEUM. Double mixed. Beautiful hybrid double strain, colors ranging from rose to white. Packet 50c.
- RANUNCULUS (hHP). An excellent cut flower which is increasing in popularity rapidly. Double and semi-double flowers in shades of red, rose, orange and yellow. Bloom the first season from seed if sown early. Produce bulbs which have a market value and sale among the florists forcing under glass. Improved Giant French Strain. Packet 25c;  $\frac{1}{4}$  oz. 75c.
- RHODANTHE (HA). Swan-river Everlasting. One of the most charming everlasting flowers, hanging like little bells from rigid stems. Excellent though small, cut flowers. Rose, White, or mixed. Packet 10c;  $\frac{1}{4}$  oz. 35c.
- RICINUS (HA). Castor oil Plant. Make a splendid background for any garden, giving a semi-tropical effect. Easily grown from seed and growing to as much as 10 feet in a few months.
- SANGUINEUS. Blood red stalks and red fruit. Packet 10c; 1 oz. 25c.
- ZANZABARIENSIS. The giant type used as a windbreak, with foliage of large size and various hues. Packet 10c; 1 oz. 25c.
- MIXED. Several new sorts with above two. Pkt. 10c; 1 oz. 25c.
- RUDEBECKIA (HA). Cone Flower. Long stems carry attractive semi-double golden yellow flowers, very useful for cutting.
- BICOLOR SUPURBA. Splendid mixture, 10c;  $\frac{1}{4}$  oz. 30c.
- SALPICGLOSSIS (HA). Painted Glories. Large funnel shaped flowers of brilliant colors, attractively veined. Bloom during June, July and August.
- VELVETY VIOLET. Very fine. 25c.
- SCARLET AND GOLD. Brilliant colors. 25c.
- PURPLE AND GOLD. Gorgeous. 25c.
- LIGHT BLUE AND GOLD. Pastel shades. 25c.
- SUPERBISIMA MIXED. The best of the colors and combination of shades. Packet 15c;  $\frac{1}{4}$  oz. 40c.
- SALVIA (HA). Flowering Sage. Some varieties are perennial, but all bloom the first season from seed, flowering in late Summer and Autumn, and adding a glowing spot to your garden. 2 feet.
- SPLENDENS. Scarlet Sage. A rich flowered bedder. Packet 10c.
- SCABIOSA (HA). Mourning Bride; Sweet Scabious or Pincushion Flower. The improved strains of this very old favorite make it one of the best subjects for both garden use and for cutting. Large, fully double, sweet-scented flowers of exceptionally long stems. Azure, Flesh Pink, Rose, Scarlet, Black, White or Mixed colors; packet 10c;  $\frac{1}{4}$  oz. 25c.
- SCHIZANTHUS (hHA). Butterfly Flower, Fringe Flower. Rapidly gaining in favor in the United States, both as a garden flower, and as a pot plant. In Europe it has been popular for many years.
- GRANDIFLORUS HYBRIDS. Splendid colors. 10c;  $\frac{1}{4}$  oz. 25c.
- WISETONENSIS MIXED. Many excellent shades and finely cut foliage. 25c;  $\frac{1}{4}$  oz. 65c.
- SOLIDAGO CANADENSIS (HP). Golden Rod. Tall grower, useful for backgrounds and bearing a wealth of golden sprays in the Fall. Packet 10c;  $\frac{1}{4}$  oz. 50c.



**STACHYS Lanata (HP)** Lamb's Ears. Grown for its wooly white foliage; fine for rockeries. 25c.

**STATICE H(A).** Grown largely for cutting, but making an attractive bed. The sprays of flowers may be cut and dried in a cool place. They make beautiful bouquets in Winter. Easily grown, but skill is required in planting. Merely cover the seed with light soil, and be sure to keep the ground wet until plants are well started.

—**SINUATA, Deep Blue, Known as "True Blue".** 25c; ¼ oz. 50c.

—**SINUATA HYBRIDS.** Attractive shades. 25c; ¼ oz. 50c.

—**LATIFOLIA (HP).** A beautiful blue perennial growing about one foot. 25c.

—**SUWOROI (HA).** Russian or Rat Tail Statice. Bright rose flower spikes; fine for drying. 25c.

**STOCKS (HA).** Gilliflower. Delightfully fragrant, free blooming and easily raised. The following type "Beauty of Nice" grow either as a Winter Blooming variety in mild climates, or as an early variety in colder places. For best success, start the seed inside, and transplant after plants have started well and weather is good. Our strain produces a very large percentage of double flowers, some of the varieties being in full bloom at the time this catalog goes to press, in January.

—Abundance; lavender pink.

—Beauty of Nice; flesh pink.

—Belle de Naples; old rose.

—Crimson King.

—Mont Blanc; pure white.

—Monte Carlo; canary yellow.

—Parma Violet; silvery lavender.

—Summer Night; violet-purple.

—Or Mixed Beauty of Nice. Packet 15c; ¼ oz. 50c.

**STOCKS; DOUBLE EARLY GIANT IMPERIAL.** Known as the Improved Bismark. Very early blooming, with a high percentage of doubles. 2 to 3 feet with branching habit. Choice mixed. Packet 15c.

**STOCKS; DWARF DOUBLE TEN WEEK.** Exceptionally good for bedding, and with a good color range. Choice mixed. Packet 15c.

**SUNFLOWER (HA).** Helianthus. The smaller flowering sorts are being more often grown in gardens both in this country and Europe, and add a dash of color to the background.

—**DOUBLE CHRYSANTHEMUM FLOWERED.** Fully double blooms 6 to 8 inches diameter, on tall plants, often growing 8 feet. Bright golden yellow flowers. Packet 10c; ½ oz. 35c.

—**RED SUNFLOWER.** Also a giant in growth, with flowers of red, and combinations of red and orange, varying somewhat. Packet 10c; ½ oz. 30c.

—**CUMCUMERIFOLIUS PURPUREUS.** Miniature Hybrids; shades of terra-cotta, copper, salmon, old rose, and bronze, MIXED; packet 10c; ½ oz. 30c.

**SWEET WILLIAM.** Dianthus Barbatus. Showy, hardy plants of easy culture; splendid for beds and borders with trusses of rich colored blooms. 18 inches.

—**SINGLE FLOWERING (HB).** The popular variety; mixed; 10c.

—**DOUBLE FLOWERING (HB).** The new double type, mixed; 10c.

—**SINGLE ANNUAL (HA).** Just introduced. Good. Packet 25c.

**THALICTRUM Dipterocephalum (HP)** Meadow Rue. While not new, this splendid perennial has attracted considerable attention this past season. The foliage resembles somewhat that of Columbine, and the bloom is composed of feathery heads of rose colored flowers borne on long stems. They grow to about 4 feet and bloom over a long period through the summer. Packet 25c.

**TITHONIA Speciosa (HP)** Mexican Sunflower. A rare plant from Mexico resembling a giant single Zinnia, of a dazzling orange scarlet. Blooms over a long period and prolifically. Can be flowered in pots in winter. Packet 25c.

**TRITOMA (hHP).** Red Hot Pokers and newly called "Kniphofia". Magnificent for borders and cutting and we are pleased to say we are developing many new types at Chagada Gardens. 14 new varieties having been imported from Europe in 1928. The brilliant new colorings of gold, coral and scarlet in combination are making a considerable demand for Tritoma, which is very easily raised from seed, blooming the first year. In cold climates, clumps should be lifted, and stored in the cellar, like Dahlias. Divide in the Spring and plant where they are to bloom.

—**HYBRIDS MIXED.** Colors red and orange. Packet 15c.

—**BURBANK'S TOWER OF GOLD.** Golden yellow. Packet 25c.

—**CHAGADA HYBRID TRITOMA.** The best of the World's strains. Golden Yellow; Saffron; Canary; Coral; Scarlet; Yellow with a Scarlet Top, etc. Grow from 3 to 7 feet, blooming almost constantly. No better strain is in existence. **CHAGADA HYBRID TRITOMA (Mixed);** Packet \$1.00; ¼ oz. \$2.50.

**VERBENA (HA).** Few plants make a more gorgeous display in the garden, giving constant bloom through the season. In mild climates these are hardy perennials, blooming the first season from seed. White, Scarlet, Blue, Pink, Yellow or mixed colors; 10c.

—**HYBRID GIANTS.** The new types with white and yellow eyes, very attractive, and with large flowers. Mixed; packet 15c; ¼ oz. 50c.

**VIOLA CORNUTA (hHP).** Tufted Pansies. Few bedding plants are so dependable, blooming for a long season, and giving an abundance of flowers, smaller than the regular pansies, but the attractive form of flowers, and the mass of bloom gives the bed a sheet of color through the entire season. White, Blue, Yellow, or Mixed. Packet 10c; ¼ oz. 50c.

**WALLFLOWER.** Very satisfactory plant for garden use, being easily raised, and blooming over a long period.

—**ANNUAL SINGLE, MIXED.** Packet 10c; ¼ oz. 25c.

—**DOUBLE BIENNIAL, Mixed.** Very choice strain. 25c; 1/16 oz. \$1.00.

**VIRGINIA STOCK (HA).** Brilliant mixed colors in a dwarf bedding plant; the blooms being similar to a single flowered stock. Packet 10c.

## ZINNIAS

This hardy annual, sometimes called "Youth and Old Age" is being rapidly developed into a splendid garden subject, and the cut flowers are each season gaining popularity in the markets because of the splendid new forms, and gorgeous, rich colorings. Our strains are unbeatable.

**GIANT DAHLIA—FLOWERED TYPE.** A California introduction which is the best of the new strains.

**CANARY BIRD.** Primrose Yellow. Very large and holds its color well.

**CRIMSON MONARCH.** The largest and best crimson.

**EXQUISITE.** Pleasing light rose with darker center.

**OLD ROSE.** A soft, pleasing shade of subdued Salmon rose.

**POLAR BEAR.** Named after the white decorative Dahlia "Polar Bear."

**SCARLET FLAME.** A large, vivid Scarlet.

**DAHLIA-FLOWERED ZINNIAS** in Choice Mixture, or separate varieties as above:

Price: Per packet, 25c, ¼ oz. \$1.50.

—**ZINNIA "Giants of California."** Exceptional size. Packet 25c.

—**ZINNIA POMPONS or LILLIPUT ELEGANS.** Fully double, making a splendid bed, and a most attractive hedge. One of the attractions of our Test Gardens each year. Flowers about one inch diameter. Canary Yellow; White; Salmon Rose; Scarlet; Choice Mixed.

Any of the above 15c per packet; ¼ oz. \$1.00.

# SWEET PEAS

California is certainly the home of the better type of Sweet Peas. Thousands of acres are devoted to raising them for seed only, and vast improvements have been made in the strains. You may miss some of your old favorites in the following list. If this is the case, a new variety has taken the place of the old one. The most popular annual climber is easily raised. Culture: As soon as the ground can be worked in the spring, dig a trench a foot deep and fill in 6 inches of well rotted manure. Mix the manure thoroughly with the soil, then cover with an inch of fine soil. Sow the seeds in rows, about an inch apart, and cover with an inch of fine soil. As the plants grow, work the soil into the trench, around them. Cultivate frequently and apply liquid manure for large blooms. They like plenty of water.

Please note there have been two strains developed in the Giant Spencer Type, which is the only type of Peas we offer. The Spring and Summer Flowering, which is listed first, is the ordinary strain for garden planting. The EARLY or WINTER FLOWERING is the Florist Strain, which is the type grown under glass, but can be sown in the Fall or Early Spring in the Garden for extra early bloom.

## STANDARD GIANT SPENCERS [For Spring and Summer Bloom]

### BLUE AND PURPLE

**COMMANDER GODSHAL.** A beautiful rich, violet blue.

**ROYAL PURPLE.** Rich purple; one of the finest varieties.

### DEEP PINK OR ROSE

**APPLE BLOSSOM SPENCER.** Standard light rose; wings primrose flushed rose.

**HAWLMARK PINK.** Rose pink flushed and shedded with salmon.

### LAVENDER

**ASTA OHN SPENCER.** Rich lavender; one of the best; flowers large.

**HAWLMARK LAVENDER.** Splendid large lavender.

### LIGHT PINK

**BLANCHE FERRY SPENCER.** Large flowers; pink and white.

**COUNTLESS SPENCER.** A lovely clear pink, shaded deeper at the edge.

**ELEGANCE.** Blush lilac, suffused pink.

**ELFRIDA PEARSON.** Large shell pink.

**HERCULES.** iGant pure pink.

**PICTURE.** Pale pink suffused apricot.

**MARY PICKFORD.** Dainty cream pink, suffused salmon.

### MAROON

**WARRIOR.** Rich maroon flushed bronze.

### ORANGE AND SALMON

**BARBARA.** Superb self-colored salmon.

**GUINEA GOLD.** Splendid glowing orange, shaded gold. Packet 15c.

**HELEN LEWIS.** Orange pink; wings orange salmon.

### PRIMROSE OR LIGHT YELLOW

**DAFFODIL.** The best yellow yet introduced. Packet 15c.

**DOBBIE'S CREAM.** Deep primrose.

### SCARLET

**DEFIANCE.** (New). A beautiful orange scarlet; a fine large flower. Packet 25c.

**FIERY CROSS.** Large; intense orange scarlet.

**KING EDWARD SPENCER.** Rich, crimson scarlet; large.

### WHITE

**CONSTANCE HINTON.** One of the largest varieties; flowers white; black seeded.

**KING WHITE.** Gigantic flowers; pure white.

**SNOWBALL.** Undoubtedly the finest pure white variety. Packet 25c.

**WHITE SPENCER.** Pure white; large size.

Price, any of the above varieties, except where noted, 10c per packet; 40c per oz; \$1.25 per ¼ lb.

## CHAGEDA GARDENS GIANT SPENCERS MIXED

A very well blended mixture of the above sorts, and some of the newer ones, not yet introduced. Packet 10c; 1 oz. 30c; ½ lb. \$1.00; 1 lb. \$3.00.

## COLLECTION OF GIANT SPENCER SWEET PEAS

One packet of 12 named varieties of our selection. OFFER NO. D-80; \$1.00

The following varieties are all EARLY FLOWERING SPENCER SWEET PEAS, which are distinguished from the ordinary Spencer Strain on account of the fact they bloom from four to five weeks earlier when seed of both varieties are planted at the same time. They should be planted now. In mild climates out of doors, where they are to bloom, and in the colder climates in small pots, to be transplanted into the open ground when danger of frost is past.

	per pkt.
ALL WHITE: One of the best wavy whites....	.15
AVIATOR: Dazzling crimson scarlet.....	.15
BLUE BIRD One of the best violet-blue....	.15
CHEVALIER: Strong grownig rose .....	.15
COLUMBIA: Salmon pink, white wings.....	.15
ELDORADO: New orange salmon. Strong stem.	.25
FAIR MAID: Blush pink and salmon, white ground .....	.15
GLITTERS: Very popular cerise-scarlet.....	.15
GRENADIER. New. A glowing scarlet. Very fine .....	.25
HARMONY: The standard lavender. Long stems .....	.15
HERCULES. Giant pure pink.	
ILLUMINATION: An excellent salmon-cerise	.15
IMPERIAL PINK: New. Gigantic clear pink	.25
MISS LOUISE GUDE: Brilliant pink show type .....	.15
NEW BLUE: Large deep blue on fine stem....	.25
ORANGE KING: New. Deepest glowing orange .....	.25
PINK CHEROKEE: New. Pink-salmon on cream .....	.25
ROSE DORE: Rose pink suffused orange.....	.15
SNOWSTORM: Large improved white; long stem .....	.15
THE BEAUTY: Unusual shade; fiery rose....	.15
TORCH: An excellent salmon-rose.....	.15
TRUE BLUE: Good stem; large flower.....	.15
VULCAN: Glistening scarlet; sunproof.....	.15
ZVOLANEK'S ROSE: A giant exhibition rose-pink .....	.15

It takes 1 ounce of Sweet Pea Seed to sow 30 feet of row. Varieties above listed at 15c per packet are 45c per ½ ounce.

OFFER NO. D-81. One packet each of nine of above varieties of our selection.....\$1.00

OFFER NO. D-82: CHAGEDA MIXED EARLY SPENCERS, in excellent selection of varieties. Packet 15c; ½ oz. 40c; 1 oz. 75c; ¼ lb. \$2.50; 1 lb.....\$7.50

THE STANDARD ENCYCLOPEDIA OF HORTICULTURE, edited by L. H. Bailey. This is the one universal and invaluable authority on every horticultural question. Makes a compact but thorough presentation of the kinds, characteristics and methods of cultivation of the plants grown in the United States and Canada for ornament, for fancy, for fruit, and for vegetables. Formerly in 6 volumes, but now in three at nearly half the original price. 5,000 illustrations, 3,637 pages, 3 volumes, fabrikoid binding. \$25.00.

## THE SPORT OF RAISING DAHLIAS FROM SEED

How large is your garden? Is it a two acre plot surrounded by a brick wall covered with baby roses, and with pergolas, bird baths and water pools to dress it up? Is it a plot of ground twenty feet square in the rear of your home? Is it a strip of soil along the side of the house, or, possibly, is it a vacant lot next your own?

There are hundreds of home gardeners with ground of any of the sizes mentioned above who are growing Dahlias from seed and getting from this "King of Garden Sports" the greatest thrill of their lives.

You cannot create a new flower—only Nature, or The Greatest Gardener Of Them All can do this—but you can, by care and perseverance, originate a new variety which will have such merit that it will gain a place with the leaders in the flower world, bringing you fame and some degree of fortune with its popularity.

As your seedling Dahlias grow and come into bud, it gets mighty exciting to rush out into the garden each morning to see which ones have opened, and whether they are just a disappointment, or a visitor of a new color or wonderful form—something new and novel.

For you should remember that Dahlias never come "true" from seed. Which means that seeds from the same flower will each develop into plants which will bear absolutely different blooms than the parent plant.

The resemblance may be close, and in fact, the seedlings usually inherit certain traits of the parents, but they are never exactly the same.

After you have watched these seedling buds open for a few weeks, you will soon become expert enough to say "this is going to be a yellow", or "this button is a big double." Then too, you will be looking at the foliage, the growth, thickness and length of the stem, the acidity of the juice, floriferousness and whether it is destined to be a "garden type" or "exhibition variety."

The greatest thrill in a golf game is making a "hole in one," but after you've made it all you can do is talk about it—you cannot take the hole with you.

It is just as great a thrill to find in your seedling patch a new Dahlia—a-hole-in-one-Dahlia—something so strikingly new that your friends rave over it. And when you find it, you keep it. Unlike the golf game triumph success in Dahlia Seedlings stays with you. If your seedling has merit it increases in beauty and form as the seasons pass, yielding you constant joy and a feeling of accomplishment.

## HOW WE RAISE DAHLIA SEED FOR YOU

Raising good Dahlia Seed is dependent on a long growing season, plenty of sun, a fat pocketbook and many years of experience.

In the San Leandro district we harvest Dahlia Seed nine months of the year, with sun practically every day. We have been growing Dahlias FOR seed for six years and while our pocketbook is not as fat as we would like, still we can and do purchase the latest varieties as they come on the market.

We maintain six entirely separate plots for growing. Five in San Leandro and one in Castro Valley. Each type of Dahlia is grown separately to prevent mixture. Pompons and English Singles are grown in distant plots from the larger ones. We sell no cut flowers, the best of our blooms going for seed which is allowed to ripen on the plant and is picked when fully developed and carefully dried. It is thrashed by hand and then run through the separating machine which throws out the hulls and divides the seed into three weights. Only the heaviest is used for sale. It is then hand picked, and in the case of the expensive seed, is hand picked and tested for "splits" again.

GET MORE OUT OF YOUR GARDEN THAN DIGGING IN THE DIRT.

## OUR 1929 RECORD ON DAHLIA SEEDS

These are a few of the 126 unsolicited testimonials which have come to us during the past few months from all parts of the country, and serve to give an idea of the results obtained with our seed. All are on file in our office. All are addressed to "Charles G. Davis, Chageda Gardens, San Leandro:"

September 25, 1929

Thought perhaps you would be interested in the clipping enclosed, which reports the Dahlia Show held in Quincy

I have had some good seedlings from the seed I got from you and you will note that I got First and Second on Seedlings.

Told quite a few folks that I got the seed from you but do not know how many of them will be interested enough to pay the price to get good seed.

J. M. Dunlap, Quincy, Ill.

September 30, 1929

I bought about \$8.00 worth of Dahlia Seed from you this Spring and have had a lot of beautiful blooms from your seeds.

I can very heartily recommend your seeds, as very few bloomed single. I want to order a lot of new ones so wish your catalog as soon as convenient to you.

Mrs. M. H. Armstrong, Chatanooga, Tenn.

October 3, 1929

The seeds received from you early this year produced remarkably fine plants and a number of extra large blooms of the brightest colors.

Robert T. Mason, Brooklyn, N. Y.

October 22, 1929

We grew around 45 plants from the packages of Dahlia Seed purchased from you last Spring and there are 16 which we will place again. We have been growing Dahlias for years and have the best of the new varieties, Jane Cowl, My Maryland, Kemp's Violet Wonder, Marmion, Jersey's Beauty and Beacon and all the other good ones. Have had a number of Nurserymen and Florists in the fields and they all agree that everyone of these seedlings are REAL DAHLIAS. Have a light pink which grew 10 inches without forcing on ground where Dahlias had been grown for two years without additional fertilizer. Have had bloom last for a month on bush.

Have a large dark red which runs 9½ and 10 inches under same conditions. Another is a bright fiery red, with heavy white markings same diameter and 6 inches deep; others are good.

All have real stems and leathery leaves and stood 6 weeks drought without special attention. They stand right up and look you in the face. Have several good peony type also.

Have a wonderful seed crop off our own field this year but are going to sell some so we can have space for a few more from seed from you next Spring.

(This letter is from a large grower and dealer in Iowa. Name will be furnished on request.)

April 24, 1929

Germination of Pompon Seed was 90 per cent. I am very well pleased. Hard to beat that record.

J. F. Taylor, Winnipeg, Canada

October 1, 1929

Last Spring I purchased some Dahlia seed from you and did not get it planted until May.

I have had four of the most beautiful Dahlias, one is eleven inches across, and I still have a very large bud which will open if frost does not catch it. If nothing happens I will certainly order more seeds next Spring.

Lottie Metzgar, Oakhurst, N. J.

October 17, 1929

I have much to say regarding the Dahlia Seed I ordered from you in the Spring. I have never seen such flowers and have 60 hills, no two alike. They are perfectly beautiful.

They are certainly the talk of the town and any number of tourists have seen my garden in connection with our hotel and have asked for your address.

I am an amateur and my Dahlias measure as much as ten inches across and I have never been so thrilled over any flower as them.

I am asking for your new price list, as to order more seeds and some of my friends have asked that I send in their names for the price list also.

Mrs. M. J. Ward, Mourfield, Tenn.

March 26, 1929

Let us say a word about the Dahlia seed we purchased from you. We planted the seed on March 14th, between 9:00 and 10:00 A. M., in 50-50 clay loam and peat moss soil, under a temperature 72 degrees day and 40 degrees night.

On March 25th, at 6:00 P. M. we had 91 per cent total germination. Of this 84 per cent are heavy stock seedlings, averaging 1½ inches high and 7 per cent good but a little too light.

R. MacCormack, South Jersey Floricultural Society

(EXTRACT FROM "THE PENNSYLVANIA NEWS" October 1, 1929)

"The most pleasing evidence of appreciation for 'The Pennsylvania News' has been furnished by W. J. Edwards, passenger engineman, Eastern Division who has named the finest Dahlia Seedling he has ever developed after the Central region employee newspaper. Engineman Edwards is shown seated beside the Dahlia, which is an exceptionally beautiful shade of yellow. The trophy on the left is the silver loving cup offered as a special prize at the employees annual Dahlia Show."

(W. J. Edwards writes us that this Dahlia is from a packet of our XXX Dahlia Seed bought in the Spring of 1927)

August 11, 1929

We had Dahlia Seed from you this Spring and the flowers are coming out wonderful. I want seed from Jane Cowl this year.

C. Suydam, Brooklyn, N. Y.

September 26, 1929

This Spring I bought some of your Dahlia seed and had some very fine Dahlias. Will you please send me your price list for 1930 as I want to order what I need at this time to be sure you will not be sold out. I want only the the best.

Mrs. Ola V. Tennant, Fairview, W. Va.

October 28, 1929

Last Spring I ordered quite a lot of Dahlia seed from you and have been well pleased with the results. Have some of the finest large flowers which I intend to send to the trial grounds. Every one said my seedlings were prettier than my named Dahlias and this means a good deal for I have many of the newer creations.

I do not have any way to water my flowers, but for all that they have been very fine and large.

Mrs. Ines Wells, Farina, Ill.

G A R D E N    C L U B    D I S C O U N T S    (1930)

When a Garden Club or group of neighbors wishes to "club" their orders of DAHLIAS, GLADIOLUS and FLOWER SEEDS, and have them shipped in one package, at one time, we allow the following discounts:

- ON ORDERS AMOUNTING TO MORE THAN \$25.00 AND LESS THAN \$50.00  
10% FROM CATALOG PRICES
- ON ORDERS AMOUNTING TO MORE THAN \$50.00 AND LESS THAN \$100.00  
20% FROM CATALOG PRICES
- ON ORDERS OF MORE THAN \$100.00 - - 25% FROM CATALOG PRICES.

These discounts do not apply to other articles besides those mentioned above, and cannot be used in ordering collections, which are already listed at a special price. CLUB YOUR ORDERS FOR THE DISCOUNT.

CHARLES G. DAVIS,    CHAGEDA GARDENS,    SAN LEANDRO, CALIF.



# SUMMER FLOWERING BULBS AND ROOTS

Prices quoted are for blooming size bulbs, or roots of established stock which should bloom the next season. We will send prepaid to any part of the United States at the stated prices, but Canadian, Mexican and South American Customers should add approximately 10% to their remittance for parcel post. Shipments to Canada cannot be made until the customer obtains a permit from Ottawa, which can be secured free on application.

## CANNAS

**KING HUMBERT.** 4 ft. Scarlet flowers; bronze leaves. Orchid flowering—25c.

**YELLOW KING HUMBERT.** 4 ft. Dark green foliage. Flowers a soft yellow, spotted and blotched with red. A sport of King Humbert. Orchid flowering—25c.

**THE PRESIDENT.** 4 ft. Green foliage with brilliant scarlet flowers 7 inches across. Free bloomer. Strong grower—25c.

**WINTZER'S COLOSSAL.** 5 ft. Green foliage and vivid scarlet blooms. Large—25c.

**HUNGARIA.** 3½ ft. One of the best pink Cannas. Almost a dwarf with bluish-green leaves which do not burn—25c.

**AMBASSADOR.** 3½ to 4 feet. Bronze foliage with poppy-red flowers. Good—25c.

**MRS. PIERRE DU PONT.** 4 ft. Ruffled pink with green foliage. Large. (New)—50c.

**COLLECTION OF CANNAS:** One root each of six varieties of our choice—\$1.35.

## TIGRIDIA

(Shell Flower of Mexico)

Gorgeously colored flowers which do well in a sunny location. Bloom from July to September. 25c each; \$2.50 dozen.

## REGALE LILIES

A magnificent hardy lily from China which does well in our climate, growing 3 to 5 feet and carrying many blooms of a clear white with a primrose throat and a shell pink exterior. One of the finest of the Lilies for home use. Large bulbs 75c each; \$7.50 dozen; medium bulbs 50c each, \$5.00 dozen; small bulbs 25c each, \$2.50 per dozen.

## DELPHINIUM

The stately perennial Larkspur has a place in every garden. Not only does it furnish a fine border of pastel shade, but yields a mass of splendid cut flowers through a long period of the summer. Our quotation is on strong root divisions 2 years old, which will bloom a few weeks after planting and after becoming established in the new location, will furnish plenty of cut flowers for your use. Two strains offered:

**VANDERBILT HYBRIDS.** Strong growing plants with spikes of pastel shades, mostly, and a large percentage double or semi-double. 3 for \$1.00; 6 for \$1.75; 12 for \$2.50.

**WREXHAM HOLLYHOCK TYPE.** Very tall spikes, carrying immense individual florets in a wide variety of colors. 50c each; 6 for \$2.00; 12 for \$3.50.

## MONTBRETIA

Splendid summer flowering bulb bearing spikes of brilliant orange-scarlet flowers resembling a *Gladiolus*. 50c dozen; \$3.00 per 100.

## RARE TRITOMA

These are far different from the "Red Hot Poker" of Grandmother's Garden, being a splendid strain of hybrids in a wide range of colors from sulphur yellow to deep maroon. Tall growing and practically everblooming. 3 for \$1.00; 12 for \$2.50.

## IRIS

We offer a splendid selection of the standard varieties, and can ship at almost any time of the year. Figures before the name of variety indicate the rating given them by the Iris Society, the perfect score being 10. "S" indicates Standards, or the three upright petals, and "F" refers to the Falls, or drooping petals.

**9.2 AMBASSADOR.** 40 in. S. smoky bronze; F. dark velvety maroon. Very fine late variety—50c.

**8.6 ALCAZAR.** 40 in. S. bluish-violet; F. purple crimson. Large and fragrant—30c.

**8.0 CLUNY.** 48 in. S. pale lilac blue; F. slightly deeper. Large, free flowering—50c.

**8.0 IRIS KING.** 24 in. S. old gold; F. velvety-crimson. Rich colorings—25c.

**8.3 ISOLINE.** 36 in. S. silvery lilac; F. purplish old rose. Large striking flower—25c.

**7.5 JUNIATA.** 42 in. Large flowers of clear, deep violet blue. Sweet scented—20c.

**7.5 KOCHI.** 24 inches. Rich claret purple—25c.

**7.6 LOHENGRIN.** 36 in. Handsome pink silvery mauve flowers. Very large—25c.

**8.8 LENT A. WILLIAMSON.** 42 in. S. campanula violet; F. velvety royal purple. Vigorous grower—35c.

**8.8 LORD OF JUNE.** 40 in. S. pale lavender blue; F. rich aniline blue—50c.

**8.8 PALLIDA DALMATICA.** 36 in. Fine lavender blue—25c.

**8.6 PROSPER LAGUIER.** 36 in. S. fiery bronze; F. rich ruby-purple—20c.

**8.1 PROSPERO.** 48 in. Blended violet bicolor—50c.

**7.1 QUEEN OF MAY.** 30 in. Fragrant lilac pink—30c.

**8.2 RHEIN NIXE.** 36 in. S. white; F. violet—25c.

**7.7 SHERWIN WRIGHT.** 26 in. Deep golden yellow—25c.

# Charles G. Davis

Chageda Gardens

SAN LEANDRO

CALIF.



*Dahlias, Gladiolus, Roses*

*And a General Line of the Best*

*in Flower Seeds, Plants*

*and Bulbs*